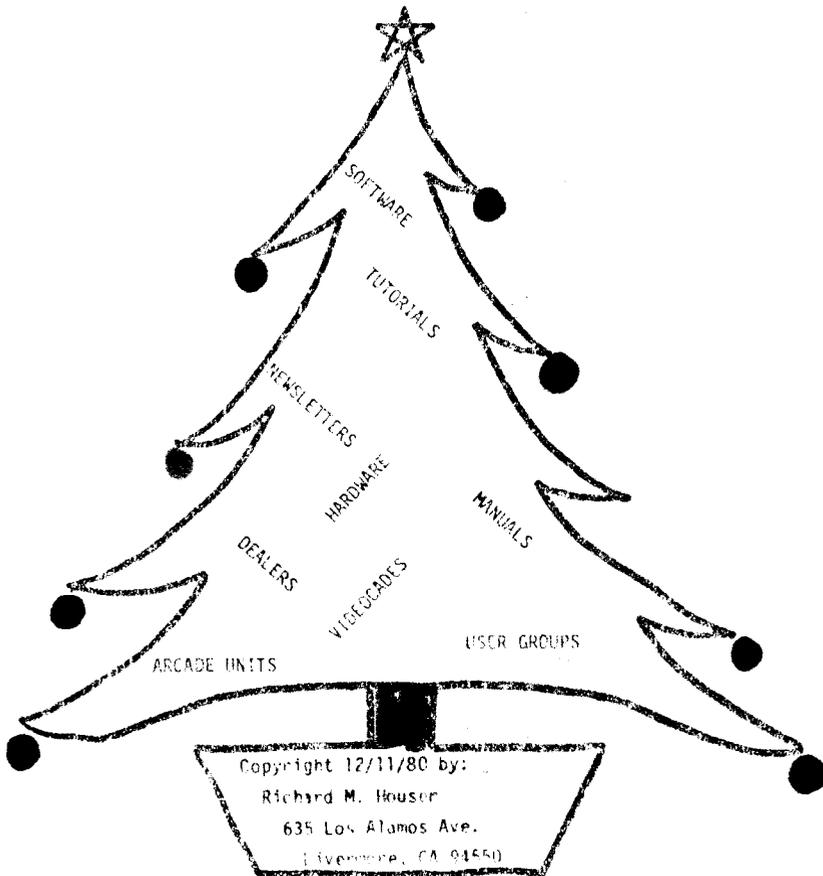


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FALL 1980  
BALLY/ASTROVISION  
SOFTWARE and HARDWARE  
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## Alphabetized Program Listings

Program Name	Type	# players		Source	Page
Air Raid	Game, War	1p	SB	LMS	32
Alarm Clock	Time		SB	CUR	28
Amazed in Space	Game, Maze	1p	SB	ARC	19
Amortization	Business		SB	WWS	44
Arcade Dice	Games, Board & Casino		SB	ARC	20
ARCADE Golf	Game, Sport	1-4p	SB-4J	CUR	28
ARCADIAN Sampler	Graphics		SB	ARC	22
Artillery Duel	Game, War	2p	SB	ARC	23
Attack	Game, Chase	1p	SB	ARC	20
Ayatollah Dart Board	Game, Skill	1p	SB	LMS	32
Bach's 15 Two Part Inventions	Music		SB	GM	32
Bagels	Game, Logic	1p	SB	ARC	21
Bally Football	Game, Sport	1p	SB	SS	39
Bally Slot	Game, Casino	1p	SB	SS	40
Bangman	Game, Word	1p	SB	ARC	19
Base Conversion	Utility		SB	ARC	24
Beatles Quiz	Educational	1p	SB	SS	40
BIBLE Quiz	Educational	2p	SB	ARC	22
Bingo	Game, Board	1p	SB	ARC	22
Biorhythm	Personal		SB	MSK	35
Biorhythm I	Personal	1p	SB	ARC	20
Biorhythm II	Personal		SB	ARC	22
Biorhythms	Personal		SB	RT	37
Biorhythms	Personal		SB	WWS	43
Bio-rhythm	Personal		SB	CUR	31
Black Hole	Game, Space	1p	SB	ARC	22
Blackbox	Game, Logic	1p	SB	ARC	19
Blackjack	Game, Casino	1p	SB	MSK	35
Block Buster	Game, Skill	1p	SB	WWS	44
Bombardier	Game, War	1p	SB	LMS	34
Bombardment	Game, War		SB	MSK	35
BOTS	Game, Chase	1p	SB	ARC	24
Bowl a Rama	Game, Sport	2p	SB	ARC	22
Bowling	Game, Sport	1p	SB	WWS	44
Brain Buster	Game, Logic	1p	SB	WWS	44
Bubble Sort	Math		SB	CUR	27
Buddhas Boggler	Game, Puzzle	1p	SB	WWS	45
Bullseye	Game		SB	MSK	35
Calendar	Time		SB	WWS	43
Camel	Game, Logic	1p	SB	CUR	27
Cash Register	Game, Educational	1p	SB	RT	37
Character Set Size Multiplier	Graphics		SB	CUR	27
Chase	Game, Chase		SB	MSK	35
Checkbook Balancer & Compound Interest	Personal, Business		SB	WWS	44
Checkers	Game, Board	1p	SB	WWS	44
Checkers I	Game, Board	1p	SB	ARC	18
Checkers II	Game, Board	1p	SB	ARC	20
Chicago Loop	Graphics		SB	CUR	27
CHRISTMAS MUSIC	Music		SB	GM	32
Clock	Time		SB	ARC	18
Clock	Time		SB	WWS	45
Clue	Game, Logic	1-6p	SB	WM	41
Code	Miscellaneous		SB	ARC	23
Code Breaker	Game, Logic		SB	WWS	45
Computer Art	Graphics		SB	WWS	45
Concentration	Game, Logic	2-4p	SB	WWS	43
Connect Four	Game, Logic	1-2p	SB	CUR	29

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## Alphabetized Program Listings

Program Name	Type	# players		Source	Page
Connect Four I	Game, Logic	2p	SB	ARC	22
Connect Four II	Game, Logic	2p	SB	ARC	24
Count the Dots	Game, Skill	1p	SB	ARC	24
Crazy Face	Game, Graphics	1p	SB	SW	39
Cylon Raiders	Game, Space	1p	SB	WWS	44
Day of the Week & Calendar	Time		SB	ARC	25
Distance Between Two Points	Math		SB	ARC	19
Dog Races	Game, Sport	1-4p	SB	SS	40
Down the Trench	Game, Space	1p	SB	SC	38
Dungeons and Dragons	Game Aid		SB	RT	37
Electric Bill Analysis	Business		SB	CUR	27
Electronic Visualization Center	Graphics		SB	ARC	21
Enhanced Lunar Lander	Game, Simulation	1p	SB	WWS	45
Flight Simulator	Game, Simulation	1p	SB	WWS	43
Floating Point Math	Math		SB	CUR	28
Flying Ace	Game, War	1-2p	SB	WM	41
Football Predictor	Personal, Math		SB	RT	37
Frequencies	Sound		SB	ARC	19
Galactibattle	Game, Space	1p	SB	CUR	28
Galactic War 2002	Game, Space	1p	SB	LMS	34
Game of Life	Simulation		SB	WWS	43
Graphics Assembler	Utility		SB	ARC	24
Graphics Demo	Graphics Utility		SB	ARD	31
Guided Missile	Game, Space	1p	SB	SS	40
Guitar Course	Educational, Music		SB	WM	42
Halloween Ghost	Graphics		SB	ARC	24
Hamurabi	Game, Economic	1p	SB	ARC	21
Hangman	Game, Word	1-2p	SB	WWS	43
Hangman I	Game, Word	2p	SB	ARC	20
Hello Dolly	Music		SB	ARC	21
Hex to Decimal	Utility		SB	ARC	18
Hidden Word Finder	Game, Word	1p	SB	SW	39
Hit the Pedestrian	Game, Skill	1p	SB	SC	38
Horse Race	Game, Sport	1-4p	SB	ARC	24
Horse Race	Game, Sport	1-4p	SB	WM	41
Horserace	Game, Sport	1-4p	SB	ARC	25
Hurkle	Game, Hunt	1p	SB	RT	36
Inspector Clew-So	Game, Logic		SB	WWS	45
Interrupt Routine	Utility		SB	ARC	24
Jukebox	Music		SB	WWS	45
Keno	Game, Casino	1p	SB	WWS	45
Kill the Vulcan	Game, Space	1p	SB	LMS	33
Klingon Capture	Game, Space	1p	SB	RT	36
Lazer Blazer	Game, Space		SB	WWS	44
Life	Simulation		SB	MSK	35
LIFE IV.2	Simulation		SB	MG	36
Life Synthesis Model	Simulation		SB	CUR	27
Lion Country	Game, Hunt	1-4p	SB	RT	36
Logo	Graphics		SB	ARC	20
Lunar Lander	Game, Simulation	1p	SB	RT	36
Mastermind	Game, Logic	1p	SB	ARC	23
Mastermind	Game, Logic	1p	SB	WWS	43
Mastermind II	Game, Logic	1p	SB	ARC	25
Math Routines	Math		SB	SC	38
Math Quiz	Math		SB	CUR	29
Math Quiz	Game, Math		SB	WWS	43
MAX	Game	1p	SB	WM	41
Maze Race	Game, Maze	2p	SB	WM	41

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## Alphabetized Program Listings

Program Name	Type	# players	Source	Page	
Maze-A-Matic	Game, Maze	1p	SB	SS	40
Memory Contents-Binary	Utility		SB	ARC	18
Memory Contents-Hex	Utility		SB	ARC	18
Memory Display	Utility		SB	ARC	19
Memory Maze	Game, Maze	1-2p	SB	SW	39
MENSA Test	Game		SB	WWS	44
Microtrek	Game, Space	1p	SB	ARC	20
Mission Impossible	Game, Skill	1p	SB	LMS	34
Monthly Loan Program	Business		SB	ARC	21
Moon Landing	Game, Simulation		SB	CUR	31
Morse Code	Miscellaneous		SB	ARC	23
Mouse in the Hat	Game, Logic	1p	SB	WM	42
Munch	Game	1p	SB	SC	38
Music Composer	Music		SB	WM	42
Music (3 Voice)	Music		SB	ARC	23
Name and Nicomachus	Game, Number	1p	SB	ARC	23
Note Match	Game, Music	1p	SB	CUR	29
Note Match	Game, Music	1p	SB	WM	42
Number Match	Game	1p	SB	ARC	21
Obstacle Course	Game, Maze	1p	SB	WM	41
Orbital Docking Simulator	Game, Simulation	1p	SB	RT	36
Othello	Game, Logic	1p	SB	CUR	28
Othello	Game, Logic	1-2p	SB	WWS	43
O-Jello	Game, Logic		SB	ARC	22
Perversion	Game	1-6p	SB	WM	42
Plastic Puzzle	Game, Puzzle	1p	SB	CUR	27
Pocket Puzzle	Game, Puzzle		SB	WWS	44
Popeye the Sailor	Music		SB	ARC	21
Random Art	Graphics		SB	ARC	18
Rescue Air Drop	Game	1p	SB	LMS	33
Resequencing	Utility		SB	ARC	20
Reverse	Game, Logic	1p	SB	ARC	18
Reverse	Game, Logic	1p	SB	CUR	29
Reverse	Game, Logic	1p	SB	SS	40
Riddle	Game, Logic	1p	SB	WWS	44
Ring	Graphics		SB	CUR	28
Robo Chase	Game, Chase	1p	SB	WWS	45
Rocket Pilot	Game, Simulation	1p	SB	RT	36
Rotation	Game, Logic	1p	SB	CUR	28
Russian Roulette	Game	1p	SB	WWS	44
Sampler #3	Miscellaneous		SB	WWS	45
Saucer Battle	Game, Space	1-2p	SB	ARC	20
Search and Destroy	Game	1p	SB	LMS	33
Sequence	Game, Math	1p	SB	WWS	44
Shell-Metzner Sort	Math		SB	CUR	28
Simon	Game, Logic	1p	SB	ARC	18
Sink the U-Boat	Game, War	1p	SB	LMS	33
Slot Machine	Game, Casino	1p	SB	WM	42
Slot Machine	Game, Casino	1p	SB	WWS	43
Slot Machine I	Game, Casino	1p	SB	ARC	19
Slot Machine II	Game, Casino	1-2p	SB	ARC	21
Slot Machine III	Game, Casino	1p	SB	ARC	22
Smack-Up	Game, Skill	1p	SB	SS	40
Solitaire	Game		SB	WWS	45
Sound Graph	Sound		SB	ARC	19
Space Adventure	Game, Space		SB	WWS	45
Space Battle	Game, Space		SB	MSK	35
Space Chase	Game, Space	1p	SB	WM	41
Space Chase	Game, Space	2p	SB	WWS	43

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## Alphabetized Program Listings

Program Name	Type	# players		Source	Page
Space Dok	Game, Space	1p	SB	WWS	44
Space Patrol	Game, Space	1p	SB	WWS	43
Space Quest 2001	Game, Space	1p	SB	LMS	34
Space War	Game, Space	1-2p	SB	RT	36
Spacewar I	Game, Space	2p	SB	ARC	20
Spacewar II	Game, Space	1p	SB	ARC	21
Speed Math	Math	1p	SB	WM	42
Speed O Math	Game, Math	1p	SB	ARC	24
Spirals I	Graphics		SB	ARC	23
Spirals II	Graphics		SB	ARC	24
Square Root	Math		SB	ARC	19
Star Base 2000	Game, Space	1p	SB	LMS	33
Starfire Assembler	Utility		SB	SC	38
Starfire I	Game, Space		SB	SC	38
Starship Bally	Game, Space	1p	SB	SS	39
Stock Inventory & Purchase Order	Business		SB	CUR	28
Submarine Minefield	Game, War	1-2p	SB	SC	37
Subsearch	Game, War	1p	SB	ARC	23
Subsearch	Game, War	1p	SB	WWS	43
Super Craps	Game, Casino	1-4p	SB	SS	39
Super Mastermind	Game, Logic	1p	SB	RT	36
Super Slot	Game, Casino	1-4p	SB	SS	39
Super Star Trek	Game, Space		SB	MSK	35
Super Wumpus	Game	1p	SB	SC	38
Target (Trio of Games)	Games	1p	SB	LMS	33
Temperature Quiz	Educational		SB	WWS	45
Tic-Tac-Dough	Game	1p	SB	SS	40
Tic Tac Toe	Game, Board	1p	SB	WWS	43
Tic-Tac-Tollah	Game, Board		SB	ARD	31
Text Editor	Utility		SB	MSK	35
The Black Lagoon	Game, Skill	1p	SB	LMS	33
The Fox and the Hare	Game, Chase	1p	SB	LMS	34
The Mummy's Treasure	Game		SB	LMS	32
Three Voice Music Assembler	Music		SB	CUR	27
Touch Tone Simulate	Sound		SB	ARC	19
Traveller	Game Aid		SB	RT	37
TV Ghost	Graphics		SB	WWS	45
UFO Battle	Game, Space	1-2p	SB	SC	37
Van Gam	Game	1p	SB	WWS	43
Video Rally	Educational, Game		SB	ARD	31
W & W Racetrack	Game, Sport	1-4p	SB	WWS	44
Wavemaker's Mazemaker	Game, Maze	1p	SB	CUR	28
Words of Wisdom	Miscellaneous		SB	WWS	45
Wumpus	Game, Logic	1p	SB	CUR	27
Wumpus	Game, Logic	1p	SB	MSK	35
XY Tutorial	Utility		SB	SC	39
Yahtzee	Game, Dice	1-4p	SB-4J	ARC	23
Yahtzee	Game, Dice	1-4p	SB	WM	42
Zappit	Game, Space	1p	SB	ARC	21
15 Puzzle	Game, Puzzle	1p	SB	ARC	23
23 Matches	Game, Logic	1p	SB	RT	36
2000 AD	Game, Space	1p	SB	ARC	22

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## Programs Listed by Source

Program Name	Type	# players	Source	Page
Anderson Research and Design			Page 31	
Graphics Demo	Graphics Utility	SB	ARD	31
Tic-Tac-Tollah	Game, Board	SB	ARD	31
Video Rally	Educational, Game	SB	ARD	31
ARCADIAN Newsletter			Page 18	
Amazed in Space	Game, Maze 1p	SB	ARC	19
Arcade Dice	Games, Board & Casino	SB	ARC	20
ARCADIAN Sampler	Graphics	SB	ARC	22
Artillery Duel	Game, War 2p	SB	ARC	23
Attack	Game, Chase 1p	SB	ARC	20
Bagels	Game, Logic 1p	SB	ARC	21
Bangman	Game, Word 1p	SB	ARC	19
Base Conversion	Utility	SB	ARC	24
BIBLE Quiz	Educational 2p	SB	ARC	22
Bingo	Game, Board 1p	SB	ARC	22
Biorhythm I	Personal 1p	SB	ARC	20
Biorhythm II	Personal	SB	ARC	22
Blackbox	Game, logic 1p	SB	ARC	19
Black Hole	Game, Space 1p	SB	ARC	22
BOTS	Game, Chase 1p	SB	ARC	24
Bowl a Rama	Game, Sport 2p	SB	ARC	22
Checkers I	Game, Board 1p	SB	ARC	18
Checkers II	Game, Board 1p	SB	ARC	20
Clock	Time	SB	ARC	18
Code	Miscellaneous	SB	ARC	23
Connect Four I	Game, Logic 2p	SB	ARC	22
Connect Four II	Game, Logic 2p	SB	ARC	24
Count the Dots	Game, Skill 1p	SB	ARC	24
Day of the Week & Calendar	Time	SB	ARC	25
Distance Between Two Points	Math	SB	ARC	19
Electronic Visualization Center	Graphics	SB	ARC	21
Frequencies	Sound	SB	ARC	19
Graphics Assembler	Utility	SB	ARC	24
Hamurabi	Game, Economic 1p	SB	ARC	21
Halloween Ghost	Graphics	SB	ARC	24
Hangman I	Game, Word 2p	SB	ARC	20
Hello Dolly	Music	SB	ARC	21
Hex to Decimal	Utility	SB	ARC	18
Horserace	Game, Sport 1-4p	SB	ARC	25
Horse Race	Game, Sport 1-4p	SB	ARC	24
Interrupt Routine	Utility	SB	ARC	24
Logo	Graphics	SB	ARC	20
Mastermind	Game, Logic 1p	SB	ARC	23
Mastermind II	Game, Logic 1p	SB	ARC	25
Memory Contents-Binary	Utility	SB	ARC	18
Memory Contents-Hex	Utility	SB	ARC	18
Memory Display	Utility	SB	ARC	19
Microtrek	Game, Space 1p	SB	ARC	20
Monthly Loan Program	Business	SB	ARC	21
Morse Code	Miscellaneous	SB	ARC	23
Music (3 Voice)	Music	SB	ARC	23
Name and Nicomachus	Game, Number 1p	SB	ARC	23
Number Match	Game 1p	SB	ARC	21
O-Jello	Game, Logic	SB	ARC	22
Popeye the Sailor	Music	SB	ARC	21
Random Art	Graphics	SB	ARC	18
Resequencing	Utility	SB	ARC	20

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## Programs Listed by Source

Program Name	Type	# players	Source	Page
ARCADIAN Newsletter (Cont.)			Page 18	
Reverse	Game, Logic	1p	SB	ARC 18
Saucer Battle	Game, Space	1-2p	SB	ARC 20
Simon	Game, Logic	1p	SB	ARC 18
Slot Machine I	Game, Casino	1p	SB	ARC 19
Slot Machine II	Game, Casino	1-2p	SB	ARC 21
Slot Machine III	Game, Casino	1p	SB	ARC 22
Sound Graph	Sound		SB	ARC 19
Spacewar I	Game, Space	2p	SB	ARC 20
Spacewar II	Game, Space	1p	SB	ARC 21
Speed O Math	Game, Math	1p	SB	ARC 24
Spirals I	Graphics		SB	ARC 23
Spirals II	Graphics		SB	ARC 24
Square Root	Math		SB	ARC 19
Subsearch	Game, War	1p	SB	ARC 23
Touch Tone Simulate	Sound		SB	ARC 19
Yahtzee	Game, Dice	1-4p	SB-4J	ARC 23
Zappit	Game, Space	1p	SB	ARC 21
15 Puzzle	Game, Puzzle	1p	SB	ARC 23
2000 AD	Game, Space	1p	SB	ARC 22
CURSOR Newsletter			Page 27	
Alarm Clock	Time		SB	CUR 28
ARCADE Golf	Game, Sport	1-4p	SB-4J	CUR 28
Bubble Sort	Math		SB	CUR 27
Camel	Game, Logic	1p	SB	CUR 27
Character Set Size Multiplier	Graphics		SB	CUR 27
Chicago Loop	Graphics		SB	CUR 27
Connect Four	Game, Logic	1-2p	SB	CUR 29
Electric Bill Analysis	Business		SB	CUR 27
Floating Point Math	Math		SB	CUR 28
Galactibattle	Game, Space	1p	SB	CUR 28
Life Synthesis Model	Simulation		SB	CUR 27
Math Quiz	Math		SB	CUR 29
Note Match	Game, Music	1p	SB	CUR 29
Othello	Game, Logic	1p	SB	CUR 28
Plastic Puzzle	Game, Puzzle	1p	SB	CUR 27
Reverse	Game, Logic	1p	SB	CUR 29
Ring	Graphics		SB	CUR 28
Rotation	Game, Logic	1p	SB	CUR 28
Shell-Metzner Sort	Math		SB	CUR 28
Stock Inventory & Purchase Order	Business		SB	CUR 28
Three Voice Music Assembler	Music		SB	CUR 27
Wavemaker's Mazemaker	Game, Maze	1p	SB	CUR 28
Wumpus	Game, Logic	1p	SB	CUR 27
CURSOR Software			Page 31	
Bio-rhythm	Personal		SB	CUR 31
Moon Landing	Game, Simulation		SB	CUR 31
George Moses Co.			Page 32	
Bach's 15 Two Part Inventions	Music		SB	GM 32
CHRISTMAS MUSIC	Music		SB	GM 32

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Program Name	Programs Listed by Source Type # players	Source	Page
L & M Software		Page 32	
Air Raid	Game, War 1p	SB	LMS 32
Ayatollah Dart Board	Game, Skill 1p	SB	LMS 32
Bombardier	Game, War 1p	SB	LMS 34
Galactic War 2002	Game, Space 1p	SB	LMS 34
Kill the Vulcan	Game, Space 1p	SB	LMS 33
Mission Impossible	Game, Skill 1p	SB	LMS 34
Rescue Air Drop	Game 1p	SB	LMS 33
Search and Destroy	Game 1p	SB	LMS 33
Sink the U-Boat	Game, War 1p	SB	LMS 33
Space Quest 2001	Game, Space 1p	SB	LMS 34
Star Base 2000	Game, Space 1p	SB	LMS 33
Target (Trio of Games)	Games 1p	SB	LMS 33
The Black Lagoon	Game, Skill 1p	SB	LMS 33
The Fox and the Hare	Game, Chase 1p	SB	LMS 34
The Mummy's Treasure	Game	SB	LMS 32
Mark S. Keller		Page 35	
Biorythm	Personal	SB	MSK 35
Blackjack	Game, Casino 1p	SB	MSK 35
Bombardment	Game, War	SB	MSK 35
Bullseye	Game	SB	MSK 35
Chase	Game, Chase	SB	MSK 35
Life	Simulation	SB	MSK 35
Space Battle	Game, Space	SB	MSK 35
Super Star Trek	Game, Space	SB	MSK 35
Text Editor	Utility	SB	MSK 35
Wumpus	Game, Logic 1p	SB	MSK 35
Matt Giber		Page 36	
LIFE IV.2	Simulation	SB	MG 36
R. Tietjens		Page 36	
Biorhythms	Personal	SB	RT 37
Cash Register	Game, Educational 1p	SB	RT 37
Dungeons and Dragons	Game Aid	SB	RT 37
Football Predictor	Personal, Math	SB	RT 37
Hurkle	Game, Hunt 1p	SB	RT 36
Klingon Capture	Game, Space 1p	SB	RT 36
Lunar Lander	Game, Simulation 1p	SB	RT 36
Lion Country	Game, Hunt 1-4p	SB	RT 36
Orbital Docking Simulator	Game, Simulation 1p	SB	RT 36
Rocket Pilot	Game, Simulation 1p	SB	RT 36
Space War	Game, Space 1-2p	SB	RT 36
Super Mastermind	Game, Logic 1p	SB	RT 36
Traveller	Game Aid	SB	RT 37
23 Matches	Game, Logic 1p	SB	RT 36
Sebree's Computing		Page 37	
Down the Trench	Game, Space 1p	SB	SC 38
Hit the Pedestrian	Game, Skill 1p	SB	SC 38
Math Routines	Math	SB	SC 38
Munch	Game 1p	SB	SC 38
Starfire!	Game, Space	SB	SC 38
Starfire Assembler	Utility	SB	SC 38
Submarine Minefield	Game, War 1-2p	SB	SC 37
Super Wumpus	Game 1p	SB	SC 38
UFO Battle	Game, Space 1-2p	SB	SC 37
XY Tutorial	Utility	SB	SC 39

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## Programs Listed by Source

Program Name	Type	# players	Source	Page
				Page 39
Steve Walters				
Crazy Face	Game, Graphics	1p	SB	SW 39
Hidden Word Finder	Game, Word	1p	SB	SW 39
Memory Maze	Game, Maze	1-2p	SB	SW 39
				Page 39
Super Software				
Bally Football	Game, Sport	1p	SB	SS 39
Bally Slot	Game, Casino	1p	SB	SS 40
Beatles Quiz	Educational	1p	SB	SS 40
Dog Races	Game, Sport	1-4p	SB	SS 40
Guided Missile	Game, Space	1p	SB	SS 40
Maze-A-Matic	Game, Maze	1p	SB	SS 40
Reverse	Game, Logic	1p	SB	SS 40
Starship Bally	Game, Space	1p	SB	SS 39
Smack-Up	Game, Skill	1p	SB	SS 40
Super Craps	Game, Casino	1-4p	SB	SS 39
Super Slot	Game, Casino	1-4p	SB	SS 39
Tic-Tac-Dough	Game	1p	SB	SS 40
				Page 41
WaveMakers				
Clue	Game, Logic	1-6p	SB	WM 41
Flying Ace	Game, War	1-2p	SB	WM 41
Guitar Course	Educational, Music		SB	WM 42
Horse Race	Game, Sport	1-4p	SB	WM 41
Maze Race	Game, Maze	2p	SB	WM 41
MAX	Game	1p	SB	WM 41
Mouse in the Hat	Game, Logic	1p	SB	WM 42
Music Composer	Music		SB	WM 42
Note Match	Game, Music	1p	SB	WM 42
Obstacle Course	Game, Maze	1p	SB	WM 41
Perversion	Game	1-6p	SB	WM 42
Slot Machine	Game, Casino	1p	SB	WM 42
Space Chase	Game, Space	1p	SB	WM 41
Speed Math	Math	1p	SB	WM 42
Yahtzee	Game, Dice	1-4p	SB	WM 42
				Page 43
W & W Software Sales				
Amortization	Business		SB	WWS 44
Biorhythms	Personal		SB	WWS 43
Block Buster	Game, Skill	1p	SB	WWS 44
Bowling	Game, Sport	1p	SB	WWS 44
Brain Buster	Game, Logic	1p	SB	WWS 44
Buddhas Boggler	Game, Puzzle	1p	SB	WWS 45
Calendar	Time		SB	WWS 43
Checkbook Balancer & Compound Interest	Personal, Business		SB	WWS 44
Checkers	Game, Board	1p	SB	WWS 44
Clock	Time		SB	WWS 45
Code Breaker	Game, Logic		SB	WWS 45
Computer Art	Graphics		SB	WWS 45
Concentration	Game, Logic	2-4p	SB	WWS 43
Cylon Raiders	Game, Space	1p	SB	WWS 44
Enhanced Lunar Lander	Game, Simulation	1p	SB	WWS 45
Flight Simulator	Game, Simulation	1p	SB	WWS 43
Game of Life	Simulation		SB	WWS 43
Hangman	Game, Word	1-2p	SB	WWS 43
Inspector Clew-So	Game, Logic		SB	WWS 45
Jukebox	Music		SB	WWS 45
Keno	Game, Casino	1p	SB	WWS 45

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## Programs Listed by Source

Program Name	Type	# players	Source	Page
W & W Software Sales (Cont.)				Page 43
Lazer Blazer	Game, Space	SB	WWS	44
Mastermind	Game, Logic 1p	SB	WWS	43
Math Quiz	Game, Math	SB	WWS	43
MENSA Test	Game	SB	WWS	44
Othello	Game, Logic 1-2p	SB	WWS	43
Pocket Puzzle	Game, Puzzle	SB	WWS	44
Riddle	Game, Logic 1p	SB	WWS	44
Robo Chase	Game, Chase 1p	SB	WWS	45
Russian Roulette	Game 1p	SB	WWS	44
Sampler #3	Miscellaneous	SB	WWS	45
Sequence	Game, Math 1p	SB	WWS	44
Slot Machine	Game, Casino 1p	SB	WWS	43
Solitaire	Game	SB	WWS	45
Space Adventure	Game, Space	SB	WWS	45
Space Chase	Game, Space 2p	SB	WWS	43
Space Dok	Game, Space 1p	SB	WWS	44
Space Patrol	Game, Space 1p	SB	WWS	43
Subsearch	Game, War 1p	SB	WWS	43
Temperature Quiz	Educational	SB	WWS	45
Tic Tac Toe	Game, Board 1p	SB	WWS	43
TV Ghost	Graphics	SB	WWS	45
Van Gam	Game 1p	SB	WWS	43
Words of Wisdom	Miscellaneous	SB	WWS	45
W & W Racetrack	Game, Sport 1-4p	SB	WWS	44

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## SOFTWARE INDEX

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## Program Listing By Type

BUSINESS				
Amortization	Business	SB	WWS	44
Checkbook Balancer & Compound Interest	Personal, Business	SB	WWS	44
Electric Bill Analysis	Business	SB	CUR	27
Monthly Loan Program	Business	SB	ARC	21
Stock Inventory & Purchase Order	Business	SB	CUR	28
EDUCATIONAL				
Beatles Quiz	Educational 1p	SB	SS	40
BIBLE Quiz	Educational 2p	SB	ARC	22
Cash Register	Game, Educational 1p	SB	RT	37
Guitar Course	Educational, Music	SB	WM	42
Temperature Quiz	Educational	SB	WWS	45
Video Rally	Educational, Game	SB	ARD	31
GAMES				
Air Raid	Game, War 1p	SB	LMS	32
Amazed in Space	Game, Maze 1p	SB	ARC	19
Arcade Dice	Games, Board & Casino	SB	ARC	20
ARCADE Golf	Game, Sport 1-4p	SB-4J	CUR	28
Artillery Duel	Game, War 2p	SB	ARC	23
Attack	Game, Chase 1p	SB	ARC	20
Ayatollah Dart Board	Game, Skill 1p	SB	LMS	32
Bagels	Game, Logic 1p	SB	ARC	21
Bally Football	Game, Sport 1p	SB	SS	39

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## Program Listing By Type

Program Name	Type	# players	Source	Page
GAME				
Bally Slot	Game, Casino	1p	SB SS	40
Bangman	Game, Word	1p	SB ARC	19
Bingo	Game, Board	1p	SB ARC	22
Black Hole	Game, Space	1p	SB ARC	22
Blackbox	Game, Logic	1p	SB ARC	19
Blackjack	Game, Casino	1p	SB MSK	35
Block Buster	Game, Skill	1p	SB WWS	44
Bombardier	Game, War	1p	SB LMS	34
Bombardment	Game, War		SB MSK	35
BOTS	Game, Chase	1p	SB ARC	24
Bowl a Rama	Game, Sport	2p	SB ARC	22
Bowling	Game, Sport	1p	SB WWS	44
Brain Buster	Game, Logic	1p	SB WWS	44
Buddhas Boggler	Game, Puzzle	1p	SB WWS	45
Bullseye	Game		SB MSK	35
Camel	Game, Logic	1p	SB CUR	27
Cash Register	Game, Educational	1p	SB RT	37
Chase	Game, Chase		SB MSK	35
Checkers	Game, Board	1p	SB WWS	44
Checkers I	Game, Board	1p	SB ARC	18
Checkers II	Game, Board	1p	SB ARC	20
Clue	Game, Logic	1-6p	SB WM	41
Code Breaker	Game, Logic		SB WWS	45
Concentration	Game, Logic	2-4p	SB WWS	43
Connect Four	Game, Logic	1-2p	SB CUR	29
Connect Four I	Game, Logic	2p	SB ARC	22
Connect Four II	Game, Logic	2p	SB ARC	24
Count the Dots	Game, Skill	1p	SB ARC	24
Crazy Face	Game, Graphics	1p	SB SW	39
Cylon Raiders	Game, Space	1p	SB WWS	44
Dog Races	Game, Sport	1-4p	SB SS	40
Down the Trench	Game, Space	1p	SB SC	38
Dungeons and Dragons	Game Aid		SB RT	37
Enhanced Lunar Lander	Game, Simulation	1p	SB WWS	45
Flight Simulator	Game, Simulation	1p	SB WWS	43
Flying Ace	Game, War	1-2p	SB WM	41
Galactibattle	Game, Space	1p	SB CUR	28
Galactic War 2002	Game, Space	1p	SB LMS	34
Guided Missile	Game, Space	1p	SB SS	40
Hamurabi	Game, Economic	1p	SB ARC	21
Hangman	Game, Word	1-2p	SB WWS	43
Hangman I	Game, Word	2p	SB ARC	20
Hidden Word Finder	Game, Word	1p	SB SW	39
Hit the Pedestrian	Game, Skill	1p	SB SC	38
Horse Race	Game, Sport	1-4p	SB ARC	24
Horse Race	Game, Sport	1-4p	SB WM	41
Horserace	Game, Sport	1-4p	SB ARC	25
Hurkle	Game, Hunt	1p	SB RT	36
Inspector Clew-So	Game, Logic		SB WWS	45
Keno	Game, Casino	1p	SB WWS	45
Kill the Vulcan	Game, Space	1p	SB LMS	33
Klingon Capture	Game, Space	1p	SB RT	36
Lazer Blazer	Game, Space		SB WWS	44
Lion Country	Game, Hunt	1-4p	SB RT	36
Lunar Lander	Game, Simulation	1p	SB RT	36
Mastermind	Game, Logic	1p	SB ARC	23
Mastermind	Game, Logic	1p	SB WWS	43
Mastermind II	Game, Logic	1p	SB ARC	25

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Program Name	Program Listing By Type	Type	# players	Source	Page
		GAME			
Math Quiz	Game, Math	SB		WWS	43
MAX	Game 1p	SB		WM	41
Maze Race	Game, Maze 2p	SB		WM	41
Maze-A-Matic	Game, Maze 1p	SB		SS	40
Memory Maze	Game, Maze 1-2p	SB		SW	39
MENSA Test	Game	SB		WWS	44
Microtrek	Game, Space 1p	SB		ARC	20
Mission Impossible	Game, Skill 1p	SB		LMS	34
Moon Landing	Game, Simulation	SB		CUR	31
Mouse in the Hat	Game, Logic 1p	SB		WM	42
Munch	Game 1p	SB		SC	38
Name and Nicomachus	Game, Number 1p	SB		ARC	23
Note Match	Game, Music 1p	SB		CUR	29
Note Match	Game, Music 1p	SB		WM	42
Number Match	Game 1p	SB		ARC	21
Obstacle Course	Game, Maze 1p	SB		WM	41
Orbital Docking Simulator	Game, Simulation 1p	SB		RT	36
Othello	Game, Logic 1p	SB		CUR	28
Othello	Game, Logic 1-2p	SB		WWS	43
O-Jello	Game, Logic	SB		ARC	22
Perversion	Game 1-6p	SB		WM	42
Plastic Puzzle	Game, Puzzle 1p	SB		CUR	27
Pocket Puzzle	Game, Puzzle	SB		WWS	44
Rescue Air Drop	Game 1p	SB		LMS	33
Reverse	Game, Logic 1p	SB		ARC	18
Reverse	Game, Logic 1p	SB		CUR	29
Reverse	Game, Logic 1p	SB		SS	40
Riddle	Game, Logic 1p	SB		WWS	44
Robo Chase	Game, Chase 1p	SB		WWS	45
Rocket Pilot	Game, Simulation 1p	SB		RT	36
Rotation	Game, Logic 1p	SB		CUR	28
Russian Roulette	Game 1p	SB		WWS	44
Saucer Battle	Game, Space 1-2p	SB		ARC	20
Search and Destroy	Game 1p	SB		LMS	33
Sequence	Game, Math 1p	SB		WWS	44
Simon	Game, Logic 1p	SB		ARC	18
Sink the U-Boat	Game, War 1p	SB		LMS	33
Slot Machine	Game, Casino 1p	SB		WM	42
Slot Machine	Game, Casino 1p	SB		WWS	43
Slot Machine I	Game, Casino 1p	SB		ARC	19
Slot Machine II	Game, Casino 1-2p	SB		ARC	21
Slot Machine III	Game, Casino 1p	SB		ARC	22
Smack-Up	Game, Skill 1p	SB		SS	40
Solitaire	Game	SB		WWS	45
Space Adventure	Game, Space	SB		WWS	45
Space Battle	Game, Space	SB		MSK	35
Space Chase	Game, Space 1p	SB		WM	41
Space Chase	Game, Space 2p	SB		WWS	43
Space Dok	Game, Space 1p	SB		WWS	44
Space Patrol	Game, Space 1p	SB		WWS	43
Space Quest 2001	Game, Space 1p	SB		LMS	34
Space War	Game, Space 1-2p	SB		RT	36
Spacewar I	Game, Space 2p	SB		ARC	20
Spacewar II	Game, Space 1p	SB		ARC	21
Speed O Math	Game, Math 1p	SB		ARC	24
Star Base 2000	Game, Space 1p	SB		LMS	33
Starfire!	Game, Space	SB		SC	38
Starship Bally	Game, Space 1p	SB		SS	39

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Program Listing By Type				
Program Name	Type	# players	Source	Page
GAME				
Submarine Minefield	Game, War	1-2p	SB	SC 37
Subsearch	Game, War	1p	SB	ARC 23
Subsearch	Game, War	1p	SB	WWS 43
Super Craps	Game, Casino	1-4p	SB	SS 39
Super Mastermind	Game, Logic	1p	SB	RT 36
Super Slot	Game, Casino	1-4p	SB	SS 39
Super Star Trek	Game, Space		SB	MSK 35
Super Wumpus	Game	1p	SB	SC 38
Target (Trio of Games)	Games	1p	SB	LMS 33
Tic-Tac-Dough	Game	1p	SB	SS 40
Tic Tac Toe	Game, Board	1p	SB	WWS 43
Tic-Tac-Tollah	Game, Board		SB	ARD 31
The Black Lagoon	Game, Skill	1p	SB	LMS 33
The Fox and the Hare	Game, Chase	1p	SB	LMS 34
The Mummy's Treasure	Game		SB	LMS 32
Traveller	Game Aid		SB	RT 37
UFO Battle	Game, Space	1-2p	SB	SC 37
Van Gam	Game	1p	SB	WWS 43
Video Rally	Educational, Game		SB	ARD 31
W & W Racetrack	Game, Sport	1-4p	SB	WWS 44
Wavemaker's Mazemaker	Game, Maze	1p	SB	CUR 28
Wumpus	Game, Logic	1p	SB	CUR 27
Wumpus	Game, Logic	1p	SB	MSK 35
Yahtzee	Game, Dice	1-4p	SB-4J	ARC 23
Yahtzee	Game, Dice	1-4p	SB	WM 42
Zappit	Game, Space	1p	SB	ARC 21
15 Puzzle	Game, Puzzle	1p	SB	ARC 23
23 Matches	Game, Logic	1p	SB	RT 36
2000 AD	Game, Space	1p	SB	ARC 22
GRAPHICS				
ARCADIAN Sampler	Graphics		SB	ARC 22
Character Set Size Multipler	Graphics		SB	CUR 27
Chicago Loop	Graphics		SB	CUR 27
Computer Art	Graphics		SB	WWS 45
Electronic Visualization Center	Graphics		SB	ARC 21
Graphics Demo	Graphics Utility		SB	ARD 31
Halloween Ghost	Graphics		SB	ARC 24
Logo	Graphics		SB	ARC 20
Random Art	Graphics		SB	ARC 18
Ring	Graphics		SB	CUR 28
Spirals I	Graphics		SB	ARC 23
Spirals II	Graphics		SB	ARC 24
TV Ghost	Graphics		SB	WWS 45
MATH				
Distance Between Two Points	Math		SB	ARC 19
Bubble Sort	Math		SB	CUR 27
Floating Point Math	Math		SB	CUR 28
Football Predictor	Personal, Math		SB	RT 37
Math Routines	Math		SB	SC 38
Math Quiz	Math		SB	CUR 29
Shell-Metzner Sort	Math		SB	CUR 28
Speed Math	Math	1p	SB	WM 42
Square Root	Math		SB	ARC 19

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## Program Listing By Type

Program Name	Type	# players	Source	Page
MISCELLANEOUS				
Code	Miscellaneous	SB	ARC	23
Morse Code	Miscellaneous	SB	ARC	23
Sampler #3	Miscellaneous	SB	WWS	45
Words of Wisdom	Miscellaneous	SB	WWS	45
MUSIC				
Bach's 15 Two Part Inventions	Music	SB	GM	32
CHRISTMAS MUSIC	Music	SB	GM	32
Guitar Course	Educational, Music	SB	WM	42
Hello Dolly	Music	SB	ARC	21
Jukebox	Music	SB	WWS	45
Music Composer	Music	SB	WM	42
Music (3 Voice)	Music	SB	ARC	23
Popeye the Sailor	Music	SB	ARC	21
Three Voice Music Assembler	Music	SB	CUR	27
PERSONAL				
Biorhythm	Personal	SB	MSK	35
Biorhythm I	Personal 1p	SB	ARC	20
Biorhythm II	Personal	SB	ARC	22
Biorhythms	Personal	SB	RT	37
Biorhythms	Personal	SB	WWS	43
Bio-rhythm	Personal	SB	CUR	31
Checkbook Balancer & Compound Interest	Personal, Business	SB	WWS	44
Football Predictor	Personal, Math	SB	RT	37
SIMULATION				
Enhanced Lunar Lander	Game, Simulation 1p	SB	WWS	45
Flight Simulator	Game, Simulation 1p	SB	WWS	43
Game of Life	Simulation	SB	WWS	43
Lunar Lander	Game, Simulation	SB	RT	36
Life	Simulation	SB	MSK	35
LIFE IV.2	Simulation	SB	MG	36
Life Synthesis Model	Simulation	SB	CUR	27
Moon Landing	Game, Simulation 1p	SB	CUR	31
Orbital Docking Simulator	Game, Simulation 1p	SB	RT	36
Moon Landing	Game, Simulation 1p	SB	CUR	31
Rocket Pilot	Game, Simulation 1p	SB	RT	36
SOUND				
Frequencies	Sound	SB	ARC	19
Sound Graph	Sound	SB	ARC	19
Touch Tone Simulate	Sound	SB	ARC	19
TIME				
Alarm Clock	Time	SB	CUR	28
Calendar	Time	SB	WWS	43
Clock	Time	SB	ARC	18
Clock	Time	SB	WWS	45
Day of the Week & Calendar	Time	SB	ARC	25
UTILITY				
Base Conversion	Utility	SB	ARC	24
Graphics Assembler	Utility	SB	ARC	24
Graphics Demo	Graphics Utility	SB	ARD	31
Hex to Decimal	Utility	SB	ARC	18

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## Program Listing By Type

Program Name	Type	# players	Source	Page
UTILITY				
Interrupt Routine	Utility	SB	ARC	24
Memory Contents-Binary	Utility	SB	ARC	18
Memory Contents-Hex	Utility	SB	ARC	18
Memory Display	Utility	SB	ARC	19
Resequencing	Utility	SB	ARC	20
Starfire Assembler	Utility	SB	SC	38
Text Editor	Utility	SB	MSK	35
XY Tutorial	Utility	SB	SC	39

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## HARDWARE SOURCES

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## Alphabetized Hardware Listings

Blue RAM	Memory+, Add-on	SB	PE	48
Blue RAM Keyboard	Keyboard	SB	PE	48
BSR Controller	Controller	SB-BR	PE	48
C-20 Tape	Accessory	SB	CUR	47
HD-1 Head Demagnetizer	Accessory	SB	CUR	47
Light Show Interface	I/O Capability	SB	LMS	47
The COMPUTER EAR	Speech Recognition	SB	ARD	47

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## Hardware Listings By Classification

ACCESSORY				
C-20 Tape	Accessory	SB	CUR	47
HD-1 Head Demagnetizer	Accessory	SB	CUR	47
CONTROLLER				
BSR Controller	Controller	SB-BR	PE	48
I/O CAPABILITY				
Light Show Interface	I/O Capability	SB	LMS	47
KEYBOARD				
Blue RAM Keyboard	Keyboard	SB	PE	48
MEMORY				
Blue RAM	Memory+, Add-on	SB	PE	48
SPEECH RECOGNITION				
The COMPUTER EAR	Speech Recognition	SB	ARD	47

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## Hardware Listings By Source

Anderson Research and Design				Page 47
The COMPUTER EAR	Speech Recognition	SB	ARD	47
CURSOR Hardware				Page 47
C-20 Tape	Accessory	SB	CUR	47
HD-1 Head Demagnetizer	Accessory	SB	CUR	47
L & M Software				Page 47
Light Show Interface	I/O Capability	SB	LMS	47
Perkins Engineering				Page 48
Blue RAM	Memory+, Add-on	SB	PE	48
Blue RAM Keyboard	Keyboard	SB	PE	48
BSR Controller	Controller	SB-BR	PE	48

SB--Standard BALLY with  
 2 Joysticks, BALLY BASIC  
 and Cassette Interface  
 BR--Blue RAM  
 XB--Extended Basic  
 Ot\_\_\_Other see Description  
 4J\_\_\_4 Joysticks

Minimum System Required  
 to run Maximum Program

Title	Type, # of	Players	Source	Page
HAMURABI	Game, Economic	1p	SB JS	16
DESCRIPTION: Economic game in which you are the King, you must make decisions on running the kingdom economically and try to run the kingdom for 10 years.				
ARC 2-32	SOURCE: John Smith 1 First ST. Anytown CA			
	Supplied as:		CASSETTE	LISTING
	Price:		5.00	2.00

Supplier	Price of:	Cassette if Available
		Source Listing if Available
For the ARCADIAN and		wol = without Listing
CURSOR the Vol. # and		pP = per Program
page # are given.		Prices were those available
		at time of publication and may
		change without notice.
Contact Suppliers		All prices include at least 3rd
for further information.		Class Postage.

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One way in which you could use this Sourcebook is as a master index to your own tapes. Somewhere in the listing index or listings put a code which indicates on which tape you have that program stored.

## unsolicited testimonials:

You have no idea of how your newsletter, The Arcadian, has done for me. It's like a dream come true. I would like to express my appreciation for it. Thank you!!!!

I OWE YOU A DEBT OF GRATITUDE ( BUT MAYBE THE \$10 WILL DO) FOR ALL THE EXCITING INFORMATION I REVIEWED IN VOLUME ONE OF THE ARCADIAN. MY ENCLOSED CHECK IS TO INSURE THAT I RECEIVE MORE VALUABLE DATA THROUGHOUT THE YEAR.

*out to mention what a fine magazine the "Arcadian" is. I have learned quite a bit from your tutorials, and the enclosed programs are excellent!*

... A WILD COLOR TINY BASIC FIDDLER. BUT THANKS TO PATIENT PEOPLE LIKE YOU AND YOUR CONTRIBUTORS I'M EXCITED ALL OVER AGAIN. IT'S LIKE GETTING A NEW COMPUTER!

KEEP UP THE EXCELLENT WORK. IT HAS BEEN FAR MORE THAN MY WILDEST DREAMS.

### ARCADIAN

A newsletter for the Bally/AstroVision Arcade user. Originating in 1978, the first Volume includes basic tutorial material and documents our discoveries of previously hidden commands, controls, access provisions, and utilization of the Tiny BASIC videocade. (\$10) Volume Two carries on in the same tradition of service to the subscriber with additional tutorials, and the use of machine language programming, three-part harmony in BASIC, and the advent of the first hardware to expand the Bally's capabilities. (\$10) Programs of various types are included in each issue and illustrate some of the extensive methods used to get around what is an extremely small memory. Current volume (3), Nov 80-Oct 81, is \$12.50, first class.

*until I read your newsletter, which have renewed my enthusiasm for it.*

The publication has been of great benefit to me, and I would suggest that any other Bally user who has the Basic cartridge would get his/her moneys worth by subscribing.

ARCADE. I HAVE LEARNED A LOT FROM THE PROGRAMS YOU PRINT AND IT HAS HELPED ME IN BETTER UNDERSTANDING HOW IT FUNCTIONS.

3626 Morrie Dr. San Jose, CA 95127

All ARCADIAN programs are available as source listings in back issues of the ARCADIAN from:

ARCADIAN	Vol. I	\$ 10.00
Bob Fabris	Vol. II	\$ 10.00
3626 Morrie Drive		
San Jose, CA 95127		

All ARCADIAN programs are available on tape from:

Richard Houser	The price is \$1.00 per program
635 Los Alamos Ave.	plus a \$ 3.00 charge for the
Livermore, CA 94550	Tape, Handling and Postage.
	\$ 10.00 minimum order please!

Simon	Game, Logic 1p	SB	ARC	18
<b>T4A</b>	The computer shows you a random sequence of colors which you			
DESCRIPTION:	have to repeat using the joystick. Each time you get the			
ARC 1-35, 1-45	sequence correct another color is added to the sequence for			
1-77	you to guess. See how long a sequence you can remember.			

Clock	Time	SB	ARC	18
<b>T2A</b>	This program produces a digital clock on the screen.			
DESCRIPTION:				
ARC 1-36				

Hex to Decimal	Utility	SB	ARC	18
<b>T4A</b>	This program converts hex numbers to decimal numbers.			
DESCRIPTION:				
ARC 1-36				

Reverse	Game, Logic 1p	SB	ARC	18
<b>T4A</b>	The object is to put nine numbers in ascending order that			
DESCRIPTION:	are initially in random order. Use the knob to identify the			
ARC 1-38,1-46	numbers to be moved, and the trigger to initiate the move.			

Checkers I	Game, Board 1p	SB	ARC	18
<b>T3B</b>	This program has been replaced by Checkers II in the			
DESCRIPTION:	ARCADIAN 2-12.			
ARC 1-42				

Memory Contents-Binary	Utility	SB	ARC	18
<b>T8B</b>	This program yields the decimal number plus the 16 bit			
DESCRIPTION:	binary output for a selected memory location.			
ARC 1-43				

Random Art	Graphics	SB	ARC	18
<b>T2A</b>	This program produces a moving box graphical presentation.			
DESCRIPTION:				
ARC 1-44, 1-49				

Memory Contents-Hex	Utility	SB	ARC	18
<b>T8B</b>	This program yields the hexadecimal number for a selected			
DESCRIPTION:	memory location.			
ARC 1-44				

Bangman T9B DESCRIPTION: ARC 1-48, 1-70	Game, Word 1p	SB	ARC	19	A quite clever twist to the old hangman game. It has a good scheme for entering letters without them appearing on the screen, and a search routine for multiusage of letters.
Slot Machine I T19B DESCRIPTION: ARC 1-59, 1-69, 1-77	Game, Casino 1p	SB	ARC	19	Casino slot machine game, that keeps track of the bet, number of wins, and the amount of money you have.
Amazed in Space T7A DESCRIPTION: ARC 1-60	Game, Maze 1p	SB	ARC	19	The object of this game is to maneuver the spaceship thru the maze as quickly as possible without hitting the walls. You select the path size, maze width and height, and the degree of difficulty. Your score is based on the input parameters.
Sound Graph T19A DESCRIPTION: ARC 1-65	Sound	SB	ARC	19	This program allows you to set the Master Counter (&16), A Counter (&17), B Counter (&18), C Counter (&19), Vibrato (&20), Vol A (&21), Vol B and C (&22) and Noise Vol (&23) to different values and hear what the result sounds like.
Touch Tone Simulate T2A T3H DESCRIPTION: ARC 1-65 2-90	Sound	SB	ARC	19	This program allows you to simulate the Bell Telephone Touch Tone sounds and by holding the telephone mouthpiece at the TV speaker you can dial a telephone number.
Memory Display T8B DESCRIPTION: ARC 1-67	Utility	SB	ARC	19	This is a nice memory dump program that displays the decimal and hexadecimal location numbers (Address) and the Data. It will do whole blocks by giving the starting and ending address.
Square Root T19B DESCRIPTION: ARC 1-67	Math	SB	ARC	19	Calculates the square root of numbers up to 32,767 to the nearest whole number.
Distance Between T19B DESCRIPTION: ARC 1-67	Two Points Math	SB	ARC	19	This program calculates the distance (nearest whole number) between two points when given their corresponding X and Y locations. Also plots a graph and draws a line between the two points. This is for small values of X and Y.
Frequencies T22B DESCRIPTION: ARC 1-70	Sound	SB	ARC	19	Converts frequencies to register values and vice-versa.
Blackbox T10B DESCRIPTION: ARC 1-74, 1-77	Game, logic 1p	SB	ARC	19	A Black Box consisting of an 8x8 grid, has a preselected number of hidden atoms. You select a X-ray input point and by a set of X-ray penetration rules and results must try to figure out where the atoms are located.

Spacewar I <b>T18A</b>	Game, Space 2p	SB	ARC	20
DESCRIPTION:	Two player game in which you try to shoot the other player, however only when you fire can you be seen.			
ARC 1-79,2-4				
Microtrek <b>T7B</b>	Game, Space 1p	SB	ARC	20
DESCRIPTION:	Small but interesting version of the STAR-TREK game found on almost all big computers. You can move in the sector, move to a new quadrant, fire phasors, get sensor reports and get status reports. Quite challenging for the BALLY.			
ARC 1-89,2-4				
Resequencing <b>T22B</b>	Utility	SB	ARC	20
DESCRIPTION:	This is a utility program which will renumber your BALLY BASIC program and record the renumbered program on tape. This is a great program to use in making your programs appear professional looking. It also can save you memory space.			
ARC 1-91				
Saucer Battle <b>T23A</b>	Game, Space 1-2p	SB	ARC	20
DESCRIPTION:	One or two player game in which you shoot at each other's spaceship. Interesting firing and hit routines. Difficulty, number of laser blasts, and maximum score can be preselected. Unique blowup graphics.			
ARC 2-1, 2-39				
Logo <b>T2A</b>	Graphics	SB	ARC	20
DESCRIPTION:	This program produces the logo used in the ARCADIAN.			
ARC 2-3				
Arcade Dice <b>T20B</b>	Games, Board & Casino	SB	ARC	20
DESCRIPTION:	Provides electronic dice for up to four players to use in board games. Second game on menu plays CRAPS without odds and and special bets, but keeps track of come bets.			
ARC 2-6				
Checkers II <b>T23B</b>	Game, Board 1p	SB	ARC	20
DESCRIPTION:	Computer plays checkers with you, you should be able to beat the computer but if you make a mistake watch out. Good graphics and board layout.			
ARC 2-12				
Attack <b>T22A</b>	Game, Chase 1p	SB	ARC	20
DESCRIPTION:	Game of chase. The object is to maneuver yourself into a position where all five attackers have destroyed themselves by smashing into walls in the process of chasing you.			
ARC 2-13				
Hangman I <b>T5A</b>	Game, Word 2p	SB	ARC	20
DESCRIPTION:	First player inputs word, second player tries to guess word before trapdoor is sprung. Good graphics routine.			
ARC 2-14				
Biorythm I <b>T20A</b>	Personal 1p	SB	ARC	20
DESCRIPTION:	This program has been replaced by BIORYTHM II in ARCADIAN 2-44.			
ARC 2-15				

Number Match <b>T17B</b>	Game 1p	SB	ARC	21
DESCRIPTION:	The object of this game is to match the numbers one at a time as quickly as possible for the highest score. Continue until the program stops.			
ARC 2-17				
Hello Dolly <b>T25B</b>	Music	SB	ARC	21
DESCRIPTION:	One voice "Hello Dolly" music.			
ARC 2-17				
Popeye the Sailor <b>T25B</b>	Music	SB	ARC	21
DESCRIPTION:	One voice "Popeye the Sailor" music.			
ARC 2-17				
Electronic Visualization Center <b>T17B</b>	Graphics	SB	ARC	21
DESCRIPTION:	Graphically produced large letters of two text lines.			
ARC 2-20				
Slot Machine II <b>T17A</b>	Game, Casino 1-2p	SB	ARC	21
DESCRIPTION:	Slot Machine game having an interesting reel rotation routine.			
ARC 2-21				
Monthly Loan Program <b>T25A</b>	Business	SB	ARC	21
DESCRIPTION:	This program calculates the monthly payments and total payment amount when you input the loan amount, the interest rate, and the months the loan will run.			
ARC 2-22				
Zappit <b>T15B</b>	Game, Space 1p	SB	ARC	21
DESCRIPTION:	Lock on the target using the joystick, then use the trigger to fire your laser.			
ARC 2-23				
Bagels <b>T24A</b>	Game, Logic 1p	SB	ARC	21
DESCRIPTION:	This Bagels game gives you a random 3 digit non duplicating digit number. You must use logic and the clues given after each guess to find the number. A running average is computed as the number of guesses divided by the number of games won.			
ARC 2-25				
Spacewar II <b>T24B</b>	Game, Space 1p	SB	ARC	21
DESCRIPTION:	STAR-TREK type game in which you must try to destroy all the Klingons and the Death Star. You can raise/lower deflection shields, fire phasors, fire photon torpedoes, move to a new quadrant or self-destruct.			
ARC 2-31, 2-47				
Hamurabi <b>T8A</b>	Game, Economic 1p	SB	ARC	21
DESCRIPTION:	Economic game in which you are the king. You must make decisions on running your kingdom economically for a period of 10 years. You must feed your people, buy and sell land, plant crops and if you last 10 years you will be scored on your rule.			
ARC 2-32				

Bingo <b>T9-3</b>	Game, Board 1p	SB	ARC	22
DESCRIPTION: ARC 2-33	BINGO game in which you must decide whether the number given is on your card before time runs out. Use knob to indicate yes or no and the trigger to register. If you get 5 in a row before the computer does, you win.			
Connect Four I <b>T28B</b>	Game, Logic 2p	SB	ARC	22
DESCRIPTION: ARC 2-35	Try to get four of your pieces in a line vertically, horizontally or diagonally before your opponent.			
ARCADIAN Sampler <b>T12B</b>	Graphics	SB	ARC	22
DESCRIPTION: ARC 2-39	Letter routine that gives you lower case letters in two versions.			
O-Jello <b>Orig</b>	Game, Logic	SB	ARC	22
DESCRIPTION: ARC 2-41	This is a Tiny Basic version of "Othello" (Reversi) in which you play against the computer. Have fun trying to beat the computer.			
<del>2000</del> AD <b>T12A</b>	Game, Space 2p	SB	ARC	22
DESCRIPTION: ARC 2-42	A shoot-em-up between an alien invader and a ground station. Use the knob to aim, the trigger to fire, and the joystick to move about.			
Biorhythm II	Personal	SB	ARC	22
DESCRIPTION: ARC 2-44, 2-53	You input the month-day-year of your birth and today's date. The total number of days you have lived will be calculated along with physical index, emotional index, and intellectual index, and a graph showing these for the next 25 days.			
BIBLE Quiz <b>T26A</b>	Educational 2p	SB	ARC	22
DESCRIPTION: ARC 2-48	A teaching program for multiple choice questions, in this case a BIBLE QUIZ.			
Black Hole <b>T27A</b>	Game, Space 1p	SB	ARC	22
DESCRIPTION: ARC 2-50, 2-65	Try to achieve orbit with the mystery ship with the X and Y joystick control. You should be at the same speed and distance from the Black Hole as the mystery ship.			
Slot Machine III <b>T27B</b>	Game, Casino 1p	SB	ARC	22
DESCRIPTION: ARC 2-51	Casino slot machine game.			
Bowl a Rama <b>T26B</b>	Game, Sport 2p	SB	ARC	22
DESCRIPTION: ARC 2-52, 2-65	Bowling game in which the computer displays the pins and keeps score. The ball is initially invisible at the bottom of the screen. When you pull the trigger, the ball appears and you can control the ball by moving the joystick left or right.			

Mastermind <b>T27A</b>	Game, Logic 1p	SB	ARC	23
DESCRIPTION: ARC 2-53	Tiny BASIC version of popular logic game			
Artillery Duel <b>T3A</b>	Game, War 2p	SB	ARC	23
DESCRIPTION: ARC 2-59	Each player in turn tries to load and aim his gun such that he will hit the other players gun emplacement and cause it to be destroyed. There are gravity and random wind effects. The joystick is used for firing, aiming, and loading the gun.			
Music (3 Voice)	Music	SB	ARC	23
DESCRIPTION: ARC 2-62, 2-82	This program allows you to input three tone music into the BALLY. Voice A, Voice B, Voice C plus the chord duration are input using the keyboard. The music produced is quite good.			
15 Puzzle	Game, Puzzle 1p	SB	ARC	23
DESCRIPTION: ARC 2-64	TV screen version of the popular 15 puzzle, which uses the joystick to move the numbers on the screen.			
Spirals I	Graphics	SB	ARC	23
DESCRIPTION: ARC 2-69	Graphics program produces spirals on the screen.			
Name and Nicomachus	Game, Number 1p	SB	ARC	23
DESCRIPTION: ARC 2-72	Routine to enable you to input a player's name into a program Also a number game in which you pick a number and then answer three questions about that number which the computer asks. The The computer then tells you what number you picked.			
Yahtzee <b>T29B</b>	Game, Dice 1-4p	SB-4J	ARC	23
DESCRIPTION: ARC 2-74, 2-82 2-88	Yahtzee on the TV screen for 1-4 players. Dice are portrayed on the screen, you select the dice to keep and reroll. When 3 rolls are completed, you select the category in which your score is to be recorded.			
Code	Miscellaneous	SB	ARC	23
DESCRIPTION: ARC 2-81, 2-88	This program has been revised and updated using the MORSE CODE program additions, deletions, and corrections in ARCADIAN 2-88.			
Subsearch <b>T30B</b>	Game, War 1p	SB	ARC	23
DESCRIPTION: ARC 2-83, 3-	Find the submarine hidden in the 10x10 grid. When you acquire sonar contact fire a missile and sink the submarine. If you take too long the submarine will sink you.			
Morse Code <b>T30A</b>	Miscellaneous	SB	ARC	23
DESCRIPTION: ARC 2-88, 2-82	Combined with CODE (ARC 2-81) gives morse code program. Input speed and then your message, when you have finished your message type WORDS RUN for the message to be output in code. You can repeat, erase, and add to the message.			

Base Conversion ARC 2-89	Utility Converts from any of four numerical systems into the other three systems. Decimal to hexadecimal to octal to binary.	SB	ARC	24
BOTS ARC 2-91	Game, Chase 1p A 9x19 grid is presented on the screen, then 15 walls are randomly placed, then 15 BOTS, then you. After you make a move with the joystick the BOTS advance on you one square at a time. To win you must maneuver so the BOTS will crash into the walls.	SB	ARC	24
Count the Dots ARC 2-92	Game, Skill 1p Program puts a random amount of dots (max. 17) on the screen for a short period of time. After you have counted them pull the trigger and enter the amount in the keypad. The computer will keep track of your score.	SB	ARC	24
Connect Four II ARC 2-94	Game, Logic 1p Moving alternately you try to get four of your pieces in a row either horizontally, vertically or diagonally before the the computer does.	SB	ARC	24
Spirals II ARC 2-94	Graphics Graphics program produces spirals on the screen.	SB	ARC	24
Graphics Assembler ARC 2-96	Utility Programming aid for those who want to make graphic figures using the box command. Allows you to record on tape the finished figure, assign starting line numbers and line spacing for use in another program.	SB	ARC	24
Halloween Ghost ARC 2-104	Graphics Gives you a talking skull to use at halloween. It makes random snide remarks to people going by.	SB	ARC	24
Speed O Math ARC 3-6	Game, Math 1p Player selects addition, subtraction, multiplication or division problems. Computer gives you 10 problems and at the end tells you how many you got correct.	SB	ARC	24
Horse Race ARC 3-7	Game, Sport 1-4p You decide on which horse you want to bet on and how much you want to bet using the joysticks.	SB	ARC	24
Interrupt Routine ARC 3-18	Utility This is a BASIC-user interrupt routine for foreground/background processing. By inputting this program, you will be able to use the BASIC while at the same time the object will move about the screen at a speed determined by KN 1	SB	ARC	24

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Mastermind II	Game, Logic 1p	SB	ARC	25
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DESCRIPTION: In this version of mastermind, the computer holds a four-color code which you must try to guess. Enter your guesses via the keypad.

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Day of the Week & Calendar	Time	SB	ARC	25
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DESCRIPTION: Input date and program will output the day of the week and print a calendar for you.

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Horserace	Game, Sport 1-4p	SB	ARC	25
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DESCRIPTION: Bet on your favorite horse and see if you can win a bundle at the races.

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CURSOR Newsletter  
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The CURSOR is a professional quality monthly newsletter containing programs and information on the BALLY. An average of 2-3 programs per month are described with instructions and program listings. An average of one tutorial per month is provided on different facets of the BALLY. This is a reader participation newsletter in that programs, articles, tutorials, etc. are needed to provide a quality and useful newsletter.

The CURSOR is available at a semi-annual rate of \$ 9.50 per six issues. Contact CURSOR for more details.

CURSOR (213) 763-7701  
Suite 201  
1010A West Magnolia Blvd.  
Burbank, CA 91506

All CURSOR programs are available as source listings in back issues of the CURSOR and on tape from:

CURSOR	Individual issues are available
Suite 201	for \$ 1.60 per issue.
1010A West Magnolia Blvd.	Individual issue programs are
Burbank, CA 91506	available on tape for
	\$ 3.95 per issue
	\$ 7.40 per two issues

Electric Bill Analysis	Business	SB	CUR	27
DESCRIPTION:	This program estimates the cost of using an appliance based on your last months billing rate. You input beginning and ending meter reading, electric bill for that period, appliance wattage rating, hours used and computer will calculate cost.			
CUR 1-1				
Plastic Puzzle	Game, Puzzle 1p	SB	CUR	27
DESCRIPTION:	Rearrange the letters into alphabetical order using the joystick.			
CUR 1-3				
Life Synthesis Model	Simulation	SB	CUR	27
DESCRIPTION:	This is a simulation called LIFE. You input a colony of the desired shape and a cell will survive with 2-3 neighbors, die with 0-1 or more than 4 neighbors, and give birth if a cell is adjacent to 3 cells when it moves to the next generation.			
CUR 1-6				
Bubble Sort	Math	SB	CUR	27
DESCRIPTION:	This program puts numbers in ascending order using only 199 bytes.			
CUR 1-12				
Camel	Game, Logic 1p	SB	CUR	27
DESCRIPTION:	The object is to travel 200 miles across the desert. You're being chased by wild pygmies. You have one canteen, which will last 6 drinks, it can be refilled by finding an oasis. During your journey, you will encounter various hazards. Good Luck.			
CUR 1-12				
Wumpus	Game, Logic 1p	SB	CUR	27
DESCRIPTION:	The Wumpus lives in a cavern of 20 rooms. Each room is connected to 3 other rooms. Your mission is to deduce in which room the Wumpus is sleeping in, and shoot him with an arrow. You have 5 arrows to use. Watch out for Bats, pits and Wumpus.			
CUR 1-14				
Three Voice Music Assembler	Music	SB	CUR	27
DESCRIPTION:	This program allows you to write you own music or by using sheet music input the notes and then sit back and listen to three voice music and you'll be quite surprised.			
CUR 1-18				
Chicago Loop	Graphics	SB	CUR	27
DESCRIPTION:	Simple but very innovative program which incorporates the use of three loops to provide a unique display of graphics looking very much like a city on a lake, complete with reflections, traffic, and sound effects.			
CUR 1-21				
Character Set Size Multipler	Graphics	SB	CUR	27
DESCRIPTION:	This program uses POKE and CALL to generate different sized character sets with factors of 2X, 4X, or 8X. Don't use more characters than can fill the screen or the program will bomb.			
CUR 1-22				

Rotation	Game, Logic 1p	SB	CUR	28
DESCRIPTION:	With an initial group of 16 letters in a 4x4 grid, you are to rotate each corner group to try to end up with the 4x4 grid in alphabetical order. A special move allows you to interchange a pair of horizontal adjacent letters.			
CUR 1-22				
Ring	Graphics	SB	CUR	28
DESCRIPTION:	Graphics routine yo make a ring of various sizes and thickness'es.			
CUR 1-31				
Alarm Clock	Time	SB	CUR	28
DESCRIPTION:	Set up a digital alarm clock on the screen.			
CUR 1-31				
Galactibattle	Game, Space 1p	SB	CUR	28
DESCRIPTION:	You are a Galactic Warrior piloting a fighter on a critical search and destroy mission. You are the last hope of your civilization and must destroy all the Cylon ships located in your quadrant of the galaxy. 7 commands using the keypad.			
CUR 1-35				
Othello	Game, Logic 1p	SB	CUR	28
DESCRIPTION:	Version of Reversi in which you play against the computer. the computer keeps track of the score and is fairly hard to beat.			
CUR 1-38				
ARCADE Golf TR9A	Game, Sport 1-4p	SB-4J	CUR	28
DESCRIPTION:	One of the most innovative games that we have seen for the BALLY'S 2K. This game utilizes graphics, allows you to select from 14 clubs, has doglegs, water hazards, sand traps, roughs, wind affects, and penalties. Keeps track of scores.			
CUR 1-42				
Shell-Metzner Sort	Math	SB	CUR	28
DESCRIPTION:	The program put numbers in ascending order. This is faster than the Bubble Sort.			
CUR 1-46				
Wavemaker's Mazemaker	Game, Maze 1p	SB	CUR	28
DESCRIPTION:	Move thru the random maze using the joystick in the fewest number of turns. Good sound effects.			
CUR 1-46				
Floating Point Math	Math	SB	CUR	28
DESCRIPTION:	This program allows you to add, subtract, multiply, and divide decimal numbers.			
CUR 1-46				
Stock Inventory & Purchase Order	Business	SB	CUR	28
DESCRIPTION:	Used every day, input purchase order information, figures cost, updates inventory, lists unfinished orders. The first really useful application that is used daily.			
CUR 2-50				

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Connect Four	Game, Logic 1-2p	SB	CUR	29
DESCRIPTION:	Based on popular Connect Four Game. The graphics, color, and sound are excellent. You must play very well to beat the computer. Uses hand controls to select move.			
CUR 2-51				

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Reverse	Game, Logic 1p	SB	CUR	29
DESCRIPTION:	The computer will show a list of nine numbers. You must select how many numbers you want to reverse. The computer will then rearrange the list and ask again. This is done until you get the list in ascending order. Keeps track of the # of moves.			
CUR 2-59				

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Math Quiz	Math	SB	CUR	29
DESCRIPTION:	Math Quiz allows you to select addition, subtraction, or both. It also lets you select the size of the numbers and also the number of problems. Keeps score and gives you random problems for bonus points. Sound effects and color.			
CUR 2-61				

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Note Match	Game, Music 1p	SB	CUR	29
DESCRIPTION:	The computer will play a note and your are to recreate that note using the joystick.			
CUR 2-63				

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#### PROGRAMMING HINTS

1. Use the +10 statement number routine.
2. Start your programs like this if you have the memory available:
  - 1.
  - 2.
  - 3.
  - 4:RETURN
  - 5.Title of Program
  6. Author and Date
3. Use lines 10 thru 99 as subroutine area. Putting them at the start makes the program run faster and also reduces memory use when calling a subroutine.
4. Start your programs on line 100.
5. Check your program at limit conditions.
6. Go thru your final program and make sure it runs bugfree.
7. Correct spelling errors.
8. Let your friends use the program and make comments on its use, then make changes or improvements.
9. Use a renumbering program such as the RESEQUENCING Program from the ARCADIAN Vol. 1 page 90 and correction Vol. 2 page 11, to make your program appear professional looking.

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#### AD HINTS

1. Write a concise description of your program.
2. Write instructions that tell how to run the program that are clear and concise. ( This is very important, don't skimp )
3. Tell about any special features.
4. Don't overcharge for your program but don't lose money either.
5. Always include complete instructions and a listing of your program.
6. Make sure your programs are bugfree.
7. List what your program requires to run. ( Joysticks, Keyboard, Blue Ram, etc. )

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#### SOME NEEDED PROGRAMS

Cribbage  
Roulette  
Sailboat Races  
3D Tic-Tac-Toe

Dominos  
Gomoku  
Hexapawn  
Chuck-A-Luck

Keno  
Adventure  
Boxing with Graphics

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SOURCE: Anderson Research and Design Page 31  
 1611 Lacota Lane (612) 894-2633  
 Burnsville, MN 55337

Tic-Tac-Tollah Game, Board SB ARD 31  
 The Ayatollah adds a new dimension to tic-tac-toe: cheating!!  
 DESCRIPTION: Can you exercise diplomatic restraint and beat him as he  
 changes his mind, changes his moves and changes the rules.  
 SOURCE: Anderson Research and Design (612) 894-2633  
 1611 Lacota Lane Supplied as: CASSETTE  
 Burnsville, MN 55337 Price: \$ 4.95

Video Rally Educational, Game SB ARD 31  
 This training aid and game simulates a 100 mile TSD (time-  
 speed-distance) rally using Sport Car Club of America rules  
 and conventions. Includes 8 pages of illustrated instructions  
 SOURCE: Anderson Research and Design (612) 894-2633  
 1611 Lacota Lane Supplied as: CASSETTE  
 Burnsville, MN 55337 Price: \$ 5.95

Graphics Demo Graphics Utility SB ARD 31  
 Allows you to do complex graphics, 8 pixels at a time,  
 DESCRIPTION: without using BOX or LINE commands. Includes lower case  
 letters and cartoon animation demos in BASIC.  
 SOURCE: Anderson Research and Design (612) 894-2633  
 1611 Lacota Lane Supplied as: CASSETTE  
 Burnsville, MN 55337 Price: \$ 3.00

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SOURCE: CURSOR Suite 201 (213)-763-7701 Page 31  
 1010A West Magnolia Blvd.  
 Burbank, CA 91506

Tape # 1 Cassette  
 Moon Landing Game, Simulation SB CUR 31  
 Bio-rhythm Personal SB CUR 31  
 Moon Landing: You are awaiting instructions to break away  
 from the mother ship. Once you do, you have to quickly scout  
 DESCRIPTION: for a safe landing spot. After landing you take off and head  
 back to the mother ship if you have enough fuel. Graphics.  
 Bio-rhythm: Program to predict your physical, emotional, and  
 intellectual behavior at peak and critical times. Gives  
 graphic plots showing peaks and critical days.  
 SOURCE: CURSOR Suite 201  
 1010A West Magnolia Blvd. Supplied as: CASSETTE  
 Burbank, CA 91506 Price: 8.95

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SOURCE: George Moses Co.  
110 E. North St.  
Brighton, MI 48116

Page 32

Bach's 15 Two Part Music SB GM 32  
Inventions

DESCRIPTION: This tape is a compendium of all fifteen of Bach's Two Part Inventions. Although he wrote them as practice exercises, Bach couldn't have written music more suited to the BALLY Arcade's memory size and sound synthesizer.

SOURCE: George Moses Co.  
110 E. North St.  
Brighton, MI 48116

CHRISTMAS MUSIC Music SB GM 32

DESCRIPTION: 27 all time favorite Christmas Songs in 3 part harmony, some with vibrato, including Silent Night, Deck the Hall, Away in the Manger, O Come All Ye Faithful, Joy to the World, Noel, Hark the Herald, Jingle Bells. 60 minutes of music.

SOURCE: George Moses Co. Phone (313) 227-1575  
110 E. North St. Supplied as: CASSETTE  
Brighton, MI 48116 Price: 9.50

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SOURCE: L & M Software  
8599 Framewood Dr.  
Newburgh, IN 47630

Page 32

The Mummy's Treasure Game SB LMS 32

DESCRIPTION: Do you like treasure hunts? If so, then this game will intrigue you. Either you get the treasure or the mummy does, depending on how you play the game!

SOURCE: L & M Software  
8599 Framewood Dr. Supplied as: CASSETTE  
Newburgh, IN 47630 Price: Any two programs \$ 10.00

Air Raid Game, War 1p SB LMS 32

DESCRIPTION: In this game you can be a hero and save the people of the village by intercepting the plane that is going to drop the bombs. Play it and see how lives you save!

SOURCE: L & M Software  
8599 Framewood Dr. Supplied as: CASSETTE  
Newburgh, IN 47630 Price: Any two programs \$ 10.00

Ayatollah Dart Board Game, Skill 1p SB LMS 32

DESCRIPTION: Electronically stick a hole in the Ayatollah. In recent weeks have you felt like you want to punch Khomeini out? Well here's your chance! Throw the darts and see what happens when you hit the right spot.

SOURCE: L & M Software  
8599 Framewood Dr. Supplied as: CASSETTE  
Newburgh, IN 47630 Price: Any two programs \$ 10.00

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Rescue Air Drop	Game 1p	SB	LMS	33
DESCRIPTION:	This is your chance to defend a village against a warring pack of mongrels. If you use good skill you can save the people and be their hero forever!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Target (Trio of Games)	Games 1p	SB	LMS	33
DESCRIPTION:	This is a series of three games Pop-up, Deck the Duck, and Skeet. These games give you a chance to test your skill at shooting and are very enjoyable.			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Kill the Vulcan	Game, Space 1p	SB	LMS	33
DESCRIPTION:	Protect the earth from being destroyed by intercepting the land Rover being used by the Vulcans, who are from another space outpost. Earth is depending on you!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Sink the U-Boat	Game, War 1p	SB	LMS	33
DESCRIPTION:	Did you get the opportunity to sink any U-boats during World War II? Probably not, so here's your chance to do battle with a German U-Boat. Good Luck!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Search and Destroy	Game 1p	SB	LMS	33
DESCRIPTION:	The mad Dr. Oppenheimer has stolen a nuclear sub and t threatens to destroy the world. Your job is to save the world by using the battleship.			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Star Base 2000	Game, Space 1p	SB	LMS	33
DESCRIPTION:	Puts you in command of starship Aquila. You must reach the Star Base by navigating thru force fields, black holes, and avoid overheating the engines. Can you reach Star Base 2000??			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
The Black Lagoon	Game, Skill 1p	SB	LMS	33
DESCRIPTION:	You are the pilot of a boat, which must reach the dock on the other side of the Black Lagoon by passing thru the inter-connecting waterways and avoiding the monster. Good Luck!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				

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Mission Impossible	Game, Skill 1p	SB	LMS	34
DESCRIPTION:	If you take on this mission you must successfully reach the end of the corridor containing rooms filled with gas and deadly robots. You have an oxygen allotment and plenty of time to complete your mission.			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Bombardier	Game, War 1p	SB	LMS	34
DESCRIPTION:	You're flying over mountains in a bomber. The area below contains Russian missile silos. You must bomb the silos, taking into account wind speed and direction. Good Luck!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Space Quest 2001	Game, Space 1p	SB	LMS	34
DESCRIPTION:	Your interstellar space craft must save a friendly colony, on the planet, from the Star Plunderer. You must break thru the forcefield and destroy the enemy, using lasers & missiles			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
The Fox and the Hare	Game, Chase 1p	SB	LMS	34
DESCRIPTION:	The Fox is chasing the Hare thru a field containing rabbit holes, that are two levels deep. The Fox must guess in which hole and at what level the Hare is hiding.			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	
LMP				
Galactic War 2002	Game, Space 1p	SB	LMS	34
DESCRIPTION:	From your Starship you must destroy the Klingon space s stations, by firing your missiles and at the same time avoid the megaton blaster and space debris. Good Luck!			
SOURCE:	L & M Software 8599 Framewood Dr. Newburgh, IN 47630	Supplied as:	CASSETTE Price: Any two programs \$ 10.00	

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Mark S. Keller  
9536 Shumway Drive  
Orangevale, CA 95662

(916) 988-7224

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MSK

Tape # 1	Cassette			
Super Star Trek	Game, Space	SB	MSK	35
Space Battle	Game, Space	SB	MSK	35
Chase	Game, Chase	SB	MSK	35
Bombardment	Game, War	SB	MSK	35
Bullseye	Game	SB	MSK	35

## DESCRIPTION:

Super Star Trek: Battle Klingons in up to 81 8x8 quadrants, using phasors and photon torpedoes to destroy them and star bases for re-supply. Controlled via hand controller 1. Klingons can move. Continuous display.

Space Battle: See how many spacecraft you can shoot down in 50 time units. The spacecraft get progressively more difficult to hit.

Chase: You are in a high voltage security area with a selectable number of killer robots after you.

Bombardment: Find and destroy the computer's four "forts" before yours are destroyed. A number guessing game.

Bullseye: A non-graphic dart game for up to 20 players. selectable number of killer robots after you.

Mark S. Keller (916) 988-7224  
9536 Shumway Drive Supplied as: CASSETTE  
Orangevale, CA 95662 Price: \$ 10.00

MSK

Tape # 2	Cassette			
Blackjack	Game, Casino 1p	SB	MSK	35
Wumpus	Game, Logic 1p	SB	MSK	35
Life	Simulation	SB	MSK	35
Biorythm	Personal	SB	MSK	35
Text Editor	Utility	SB	MSK	35

## DESCRIPTION:

Blackjack: Computer controlled dealer plays by casino rules. Plays via hand controller 1. Does not graphically display the cards, only gives number values.

Wumpus: Hunt the Wumpus in one of six standard caves or a custom cave of your own. The program reads cave files from tape. Programs are supplied for copying and creating cave ( and other ) files on tape.

Life: The biological population simulation described in Scientific American and BYTE. Flexible and easy to use.

Biorythm: Full screen true sine wave display. Will show the three standard and four experimental cycles. Displays 26 days

Text Editor: Program to help in BASIC program development.

You can edit any line without re-typing. The program is approximately 300 bytes long and features change, insert, and delete. Includes three machine language subroutines.

Mark S. Keller (916) 988-7224  
9536 Shumway Drive Supplied as: CASSETTE  
Orangevale, CA 95662 Price: \$ 10.00

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SOURCE: Matt Giwer  
3922 Millcreek Dr.  
Annandale, VA 22003

Page 36

LIFE IV.2	Simulation	SB	MG	36	MG

DESCRIPTION: This is the game of Life featured in 3 issues of Scientific American. It is both fascinating and addictive. Two generations are on the screen at the same time. Over 1000 cells per generation. Highest resolution possible. Four pages of documentation on Life and on the program plus listing.

SOURCE: Matt Giwer  
3922 Millcreek Dr. Supplied as: CASSETTE LISTING  
Annandale, VA 22003 Price: \$ 6.00 \$ 2.50

\*\*\*\*\*

SOURCE: R. Tietjens Page 36  
1008 Trinity #B (408) 394-5723  
Seaside, CA 93955

Space War	Game, Space 1-2p	SB	RT	36	RT

DESCRIPTION: Orbital dynamics simulation in which one player vs. computer or two players attempt to fly space ships close enough to the other's ship to score a hit with lasers.

SOURCE: R. Tietjens (408) 394-5723  
1008 Trinity #B Supplied as: CASSETTE  
Seaside, CA 93955 Price: \$ 6.50

Space Flight Package	Cassette				

Klingon Capture	Game, Space 1p	SB	RT	36	
Lunar Lander	Game, Simulation 1p	SB	RT	36	
Rocket Pilot	Game, Simulation 1p	SB	RT	36	
Orbital Docking Simulator	Game, Simulation 1p	SB	RT	36	

DESCRIPTION: Klingon Capture: Captain the USS Enterprise and attempt to capture a Klingon vessel intact.  
Lunar Lander: Enhanced version. Pilot must land in a clear area on the moon.  
Rocket Pilot: Pilot must take off, fly over a lunar mountain, and land on the other side.  
Orbital Docking Simulator: Pilot must rendezvous with the space station within a limited time.

SOURCE: R. Tietjens (408) 394-5723  
1008 Trinity #B Supplied as: CASSETTE  
Seaside, CA 93955 Price: \$10.00

Game Package #2	Cassette				

Lion Country	Game, Hunt 1-4p	SB	RT	36	
Super Mastermind	Game, Logic 1p	SB	RT	36	
23 Matches	Game, Logic 1p	SB	RT	36	
Hurkle	Game, Hunt 1p	SB	RT	36	

DESCRIPTION: Lion Country: A safari into darkest Africa to find the Diamonds and return to civilization without being eaten!  
Super Mastermind: A game of logic and deduction. The computer devises a code of variable difficulty and you must break it in a limited number of guesses.  
23 Matches: Try to force the computer to take the last match.  
Hurkle: Find the Hurkle on the 10x10 grid. (Recommended for beginning readers)

SOURCE: R. Tietjens (408) 394-5723  
1008 Trinity #B Supplied as: CASSETTE  
Seaside, CA 93955 Price: \$10.00

					RT

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## Home Statistics Package Cassette

Football Predictor	Personal, Math	SB	RT	37
Cash Register	Game, Educational 1p	SB	RT	37
Biorhythms	Personal	SB	RT	37

DESCRIPTION: Football Predictor: A program to predict the final score of a game. Supports data files on tape. Data must be supplied by the user, but may be saved for future use. Accuracy is not warranted.

Cash Register: A teaching game for ages 7-12. The program "buys" groceries and you must make change. A starter data file is supplied, along with a routine for you to make files.

Biorhythms: A modified and enhanced version of the routine which appeared in the ARCADIAN.

SOURCE: R. Tietjens (408) 394-5723  
 1008 Trinity #B Supplied as: CASSETTE  
 Seaside, CA 9395503 Price: \$10.00

RT

## Dungeons and Dragons Cassette

Dungeons and Dragons	Game Aid	SB	RT	37
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DESCRIPTION: This package contains programs to generate characters, personalities, and genetic characteristics; to generate a random dungeon and furnish it, partially; and to roll all of the dice required by the popular Fantasy Role Playing Game

SOURCE: R. Tietjens (408) 394-5723  
 1008 Trinity #B Supplied as: CASSETTE  
 Seaside, CA 9395503 Price: \$ 8.00

RT

## Traveller's Aid Package Cassette

Traveller	Game Aid	SB	RT	37
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DESCRIPTION: A package to generate basic worlds and characters for the Role Playing Game, Traveller. Recommended only for Starmaster

SOURCE: R. Tietjens (408) 394-5723  
 1008 Trinity #B Supplied as: CASSETTE  
 Seaside, CA 9395503 Price: \$ 5.00

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SOURCE: Sebree's Computing Page 37  
 456 Granite, Dept 3B  
 Monrovia, CA 91016

SC

## UFO Battle

Game, Space 1-2p	SB	SC	37
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DESCRIPTION: On screen instructions. Try to shoot down UFO's. Has great graphics routines, color and sound. Try to amass as many points as possible before being shot down by the UFO.

SOURCE: Sebree's Computing  
 456 Granite, Dept 3B Supplied as: CASSETTE  
 Monrovia, CA 91016 Price: \$ 4.70

SC

## Submarine Minefield

Game, War 1-2p	SB	SC	37
----------------	----	----	----

DESCRIPTION: On screen instructions. Carefully navigate your Sub thru a very dense minefield while watching out for the 3 homing depth charges. It takes patience to get all the way through it, so concentration is required. Sound effects and graphics.

SOURCE: Sebree's Computing  
 456 Granite, Dept 3B Supplied as: CASSETTE  
 Monrovia, CA 91016 Price: \$ 4.70

SC

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Down the Trench	Game, Space 1p	SB	SC	38
DESCRIPTION:	Based on the StarWars destruction of the Deathstar. Try to fly down the trench, engage your onboard computer and destroy the Deathstar. 6 levels of difficulty. Spectacular explosions and graphics. If you win you've accomplished something.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 6.25
SC				
Hit the Pedestrian	Game, Skill 1p	SB	SC	38
DESCRIPTION:	On screen instructions. Drive down a road and try to hit pedestrians for points, avoid trees however. Good moving graphics, sound effects and excellent control. it, so concentration is required. Sound effects and graphics.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 4.70
SC				
Munch	Game 1p	SB	SC	38
DESCRIPTION:	On screen instructions. You are eating a cookie and gaining points with every bite, but there is a poison raisin hidden in it. Good sound effects and color along with suspense.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 3.70
SC				
Math Routines	Math	SB	SC	38
DESCRIPTION:	Has the following math routines: sine, cosine, arctangent, and square root. Accurate to .01 degrees or better.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 3.25
SC				
Super Wumpus	Game 1p	SB	SC	38
DESCRIPTION:	Hunt the Wumpus who is hiding in a maze of caves, full of diasters waiting for you to encounter. Good graphics, color and sound effects.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 8.70
SC				
Starfire!	Game, Space	SB	SC	38
DESCRIPTION:	The game consists of 3 Machine Language Generated targets which you are to shoot down when they appear randomly. The targets get larger as they get closer to you. The sooner you shoot them down the more points you get. Graphics are s spectacular. Full documentation is included.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 7.25
SC				
Starfire Assembler	Utility	SB	SC	38
DESCRIPTION:	The program that wrote the machine language programs for the Starfire! graphics routines.			
SOURCE:	Sebree's Computing 456 Granite, Dept 3B Monrovia, CA 91016	Supplied as:	CASSETTE	Price: \$ 3.25
SC				

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XY Tutorial	Utility	SB	SC	39
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DESCRIPTION: This tutorial explains what the XY command does and then how to use it. Contains 6 programs and 12 pages of material. Package contains: Cartesian to XY conversions, video art, charts, listings of all programs, 3-D Simulations, and more!!

SOURCE: Sebree's Computing  
456 Granite, Dept 3B      Supplied as: CASSETTE  
Monrovia, CA 91016      Price: \$10.70

\*\*\*\*\*

SOURCE: Steve Walters      Page 39  
556 Langfield Dr.  
Northville, MI 48167

-----SWP-----

Tape # 1	Cassette			
Memory Maze	Game, Maze 1-2p	SB	SW	39
Crazy Face	Game, Graphics 1p	SB	SW	39
Hidden Word Finder	Game, Word 1p	SB	SW	39

DESCRIPTION: Memory Maze: Study the maze, then try to move thru it while it is invisible. Three levels of difficulty, scoring, color, and music.  
Crazyface: BALLY draws a cartoon chinaman, football player, witch, singer, and mountie. Then Crazyface lets you mix the hats, eyes, noses, mouths, and necks to make your own faces.  
Hidden Word Finder: Manipulates a hidden word puzzle, and asks you to find the last word in.

SOURCE: Steve Walters      (313) 349-1083  
556 Langfield Dr.      Supplied as: CASSETTE  
Northville, MI 48167      Price: 7.95

\*\*\*\*\*

SOURCE: Super Software      Page 39  
Rob Rosenhouse  
44 Forestbrook Dr.  
North Plainfield, NJ 07060

-----SS-----

Tape # 1	Cassette			
Starship Bally	Game, Space 1p	SB	SS	39
Super Slot	Game, Casino 1-4p	SB	SS	39

DESCRIPTION: Starship Bally: Try to shoot as many of the enemy spaceships as you can. Records high scores and uses graphics.  
Super Slot: Up to four people can play this Great Slot Machine right in your home. Each player controls his own bank. Graphics and sound are used throughout the program.

SOURCE: Super Software      Supplied as: CASSETTE      LISTING  
44 Forestbrook Dr.      Price: \$ 7.25      \$ 4.00  
North Plainfield, NJ 07060

-----SS-----

Tape # 2	Cassette			
Bally Football	Game, Sport 1p	SB	SS	39
Super Craps	Game, Casino 1-4p	SB	SS	39

DESCRIPTION: Bally Football: Plays just like the hand held football. You control the offense and the computer controls the defense. Yard status is displayed at the end of each play. Graphics!!  
Super Craps: 1-4 people can get all the fun of craps without risking a cent. Each player controls his own bank and can bet with or against the roller. Has great graphics!!

SOURCE: Super Software      Supplied as: CASSETTE      LISTING  
44 Forestbrook Dr.      Price: \$ 7.25      \$ 4.00  
North Plainfield, NJ 07060

-----SS-----



\*\*\*\*\*

SOURCE: Wavemakers  
Box 94801  
Shaumburg, Ill. 60193

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WMP

Tape # 1                                   Cassette  
MAX                                        Game 1p                                   SB                                       WM                                       41  
Horse Race                                Game, Sport 1-4p                       SB                                       WM                                       41

DESCRIPTION: Side 1. MAX (Robot from space). Your mission is to destroy him. You select from three powers of blasters and must knock out three of his control systems to stop him before he destroys you. Excellent graphics and sounds. Hand controls. Side 2. Horse Race 4 Graphic (cute) horses run 5 races 1 to 4 players Input bets on keypad. Game keeps track of winning and losing status of each player. Lots of excitement when played in groups.

SOURCE: Wavemakers  
Box 94801                                   Supplied as: CASSETTE  
Shaumburg, Ill. 60193                   Price:                                   7.45

WMP

Tape # 2                                   Cassette  
Clue                                        Game, Logic 1-6p                       SB                                       WM                                       41  
Flying Ace                                Game, War 1-2p                       SB                                       WM                                       41

DESCRIPTION: Side 1. Clue based on Milton Bradley's Game. Up to 6 players use keypad. You must solve the crime before your opponents based on answers you receive from the computer using deductive reasoning. No graphics but hours of fun. Side 2. Flying Ace. For one or two players. You are in the cockpit of a fighter plane chasing and shooting at the enemy. You must shoot him down quickly to get the highest score. Good graphics and sound. Use Hand Controls.

SOURCE: Wavemakers  
Box 94801                                   Supplied as: CASSETTE  
Shaumburg, Ill. 60193                   Price:                                   7.45

WMP

Tape # 3                                   Cassette  
Maze Race                                Game, Maze 2p                       SB                                       WM                                       41  
Obstacle Course                        Game, Maze 1p                       SB                                       WM                                       41  
Space Chase                                Game, Space 1p                       SB                                       WM                                       41

DESCRIPTION: Side 1. Two Games on this side both use random mazes and lots of practice to get the highest scores. Maze Race is a two player game, you must beat your opponent through the maze. Obstacle course (One Player) This one is tough. Side 2. Space Chase. Limited Graphics, good sound lots of challenge as you try to guide your space ship home through 250 light years, against meteors, enemy battlecraft, and a limited fuel supply.

SOURCE: Wavemakers  
Box 94801                                   Supplied as: CASSETTE  
Shaumburg, Ill. 60193                   Price:                                   7.45

WMP



## SOFTWARE SOURCES

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SOURCE: W & W Software Sales  
6594 Swartout Rd.  
Algonac, Mich. 48001

Page 43

Tape #	1	Cassette			WWS	
Othello		Game, Logic 1-2p	SB		WWS	43
Van Gam		Game 1p	SB		WWS	43
Flight Simulator		Game, Simulation 1p	SB		WWS	43
Sub Search		Game, War 1p	SB		WWS	43
Hangman		Game, Word 1-2p	SB		WWS	43

DESCRIPTION: Othello: Based on popular board game and Reversi. Keeps score throughout game.  
Van Gam: Match wits with the computer.  
Flight Simulator: Learn the skill of flying.  
Sub Search: Find the enemy submarine before you are blown up.  
Hangman: You put in the words, computer mixes them up.

SOURCE: W & W Software Sales  
6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

Tape #	2	Cassette			WWS	
Concentration		Game, Logic 2-4p	SB		WWS	43
Space Chase		Game, Space 2p	SB		WWS	43
Slot Machine		Game, Casino 1p	SB		WWS	43
Game of Life		Simulation	SB		WWS	43
Math Quiz		Game, Math	SB		WWS	43

DESCRIPTION: Concentration: Match Skill in concentration.  
Space Chase: Shoot your opponent out of the sky.  
Slot Machine: Practice for Vegas. Siren sounds for Jackpot.  
Game of Life: Watch the birth, growth, and death of a colony of cells.  
Math Quiz: Problems in four basic math skills. Skill level adjusts to player.

SOURCE: W & W Software Sales  
6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

Tape #	3	Cassette			WWS	
Biorhythms		Personal	SB		WWS	43
Space Patrol		Game, Space 1p	SB		WWS	43
Tic Tac Toe		Game, Board 1p	SB		WWS	43
Mastermind		Game, Logic 1p	SB		WWS	43
Calendar		Time	SB		WWS	43

DESCRIPTION: Biorhythms: See how you are going to do today. Emotional Intellectual, and Physical curves.  
Space Patrol: Kill all the aliens and return to base, before you run out of fuel.  
Tic Tac Toe: One player against the computer.  
Mastermind: Guess computers four digit number.  
Calendar: Any month, any year.

SOURCE: W & W Software Sales  
6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

WWS

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Tape #	Cassette				
4	Cylon Raiders	Game, Space 1p	SB	WWS	44
	Checkers	Game, Board 1p	SB	WWS	44
	Block Buster	Game, Skill 1p	SB	WWS	44
	MENSA Test	Game	SB	WWS	44
	Russian Roulette	Game 1p	SB	WWS	44

DESCRIPTION: Cylon Raiders: Shoot down the 10 Cylons with your Viper.  
 Checkers: Test your skill against the computer.  
 Block Buster: Knock down the walls. Shows high score for the day.  
 MENSA Test: 8 sample IQ Questions to test yourself and friends.  
 Russian Roulette: See if you can survive.

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP  
 WWP

Tape #	Cassette				
5	Bowling	Game, Sport 1p	SB	WWS	44
	W & W Racetrack	Game, Sport 1-4p	SB	WWS	44
	Space Dok	Game, Space 1p	SB	WWS	44
	Riddle	Game, Logic 1p	SB	WWS	44
	Sequence	Game, Math 1p	SB	WWS	44

DESCRIPTION: Bowling: For everyone who hates all that physical activity, but loves to bowl.  
 W & W Racetrack: Win a Bundle, and not have to worry about the IRS.  
 Space Dok: Dock your ship. Four levels of difficulty.  
 Riddle: After you figure it out, try it on your friends.  
 Sequence: Random selections to sharpen your math skills.

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP  
 WWP

Tape #	Cassette				
6	Brain Buster	Game, Logic 1p	SB	WWS	44
	Amortization	Business	SB	WWS	44
	Checkbook Balancer & Compound Interest	Personal, Business	SB	WWS	44
	Lazer Blazer	Game, Space	SB	WWS	44
	Pocket Puzzle	Game, Puzzle	SB	WWS	44

DESCRIPTION: Brain Buster: Fill the outer square with middle square empty, and you win!  
 Amortization: Check the progress of your mortgage.  
 Checkbook Balancer & : These programs make Bookkeeping easier  
 Compound Interest:  
 Lazer Blazer: Blow up asteroids and space ships to score points.  
 Pocket Puzzle: Number Jumble, you put in correct order.

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP  
 WWP

## SOFTWARE SOURCES

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Tape # 7	Cassette				
Robo Chase	Game, Chase 1p	SB	WWS	45	
Buddhas Boggler	Game, Puzzle 1p	SB	WWS	45	
Words of Wisdom	Miscellaneous	SB	WWS	45	
Enhanced Lunar Lander	Game, Simulation 1p	SB	WWS	45	
Jukebox	Music	SB	WWS	45	

DESCRIPTION: Robo Chase: Robots are out to get you.  
 Buddhas Boggler: Pyramid Puzzle.  
 Words of Wisdom: Aphorisms.  
 Enhanced Lunar Lander: Challenging.  
 Jukebox: Plays 7 tunes. Some Christmas carols.

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP  
 WWP

Tape # 8	Cassette				
Keno	Game, Casino 1p	SB	WWS	45	
Space Adventure	Game, Space	SB	WWS	45	
Code Breaker	Game, Logic	SB	WWS	45	
Sampler #3	Miscellaneous	SB	WWS	45	
Temperature Quiz	Educational	SB	WWS	45	

DESCRIPTION: Keno: Vegas style gambling.  
 Space Adventure: Survive the perils of space, and locate earth.  
 Code Breaker: An aid for solving cryptograms.  
 Sampler #3: System Crash, Computer Art, and powers of 2.  
 Temperature Quiz: Teaches youngsters how to read a Thermometer.

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP  
 WWP

Tape # 9	Cassette				
Inspector Clew-So	Game, Logic	SB	WWS	45	
Solitaire	Game	SB	WWS	45	
TV Ghost	Graphics	SB	WWS	45	
Computer Art	Graphics	SB	WWS	45	
Clock	Time	SB	WWS	45	

DESCRIPTION: Inspector Clew-So: Tests your deductive powers.  
 Solitaire: See if the computer can win.  
 TV Ghost: Goblin insults you on Halloween.  
 Computer Art: Geometric designs and patterns.  
 Clock: Turn your TV into a digital clock!

SOURCE: W & W Software Sales  
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS  
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

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SB--Standard BALLY with  
 2 Joysticks, BALLY BASIC  
 and Cassette Interface  
 BR--Blue RAM  
 XB--Extended Basic  
 Ot\_\_\_Other see Description  
 4J\_\_\_4 Joysticks

Minimum System Required  
 with Hardware Item

Item	Type	Source	Page
The COMPUTER EAR	Speech Recognition	SB ARD	46
DESCRIPTION:	The Computer Ear is a hardware/software package that allows the BALLY to be programed to recognize spoken words and phrases. It consists of and audio amplifier with built in microphone and level indicator, a programming cassette, and a 16 page User Manual. Plugs into hand controller port, with no BALLY modifications required. Can be used with output peripherals to voice control home appliances. Total hands-off operation.		
SOURCE:	Anderson Research and Design 1611 Lacota Lane Burnsville, MN 55337	(612) 894-2633 Supplied as: WIRED Price: \$ 59.95	
Supplier	Price of:	Item as described Prices were those available at time of publication and may change without notice. All prices include at least 3rd Class Postage.	

HARDWARE SOURCES

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SOURCE: Anderson Research and Design  
1611 Lacota Lane  
Burnsville, MN 55337

Page 47

ARD

The COMPUTER EAR                      Speech Recognition                      SB                      ARD                      47

DESCRIPTION: The Computer Ear is a hardware/software package that allows the BALLY to be programed to recognize spoken words and phrases. It consists of and audio amplifier with built in microphone and level indicator, a programming cassette, and a 16 page User Manual. Plugs into hand controller port, with no BALLY modifications required. Can be used with output peripherals to voice control home appliances. Total h hands-off operation.

SOURCE: Anderson Research and Design                      (612) 894-2633  
1611 Lacota Lane                      Supplied as: WIRED  
Burnsville, MN 55337                      Price: \$ 59.95

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SOURCE: CURSOR Suite 201                      Page 47  
1010A West Magnolia Blvd.  
Burbank, CA 91506

CUR

C-20 Tape                      Accessory                      SB                      CUR                      47

DESCRIPTION: High quality computer digital tape cassettes. 10 tape case with individual poly boxes.

SOURCE: CURSOR Suite 201                      CASE of 10  
1010A West Magnolia Blvd.                      Supplied as:                      Price: 13.75  
Burbank, CA 91506

CUR

HD-1 Head Demagnetizer                      Accessory                      SB                      CUR                      47

DESCRIPTION: First quality head demagnetizer to keep your tape machine in first class condition.

SOURCE: CURSOR Suite 201                      One each  
1010A West Magnolia Blvd.                      Supplied as:                      Price: 33.95  
Burbank, CA 91506

CUR

California Residents add 6% sales tax.

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SOURCE: L & M Software                      Page 47  
8599 Framewood Dr.  
Newburgh, IN 47630

LMS

Light Show Interface                      I/O Capability                      SB                      LMS                      47

DESCRIPTION: The "Light Show Interface" connects your stereo to the BALLY which is connected to your Color TV. With the addition of the program inclosed your TV becomes a viewing screen which is variable in step to the music. The style of the display depends on the nature of the program. Comes complete with demo cassette, instructions, and tutorial.

SOURCE: L & M Software                      One each  
8599 Framewood Dr.                      Supplied as:                      Price: \$ 29.95  
Newburgh, IN 47630

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SOURCE: Perkins Engineering  
1004 Pleasant Ave.  
Boyne City, MI 49712

Page 48

PE

Blue RAM Memory+, Add-on SB PE 48  
 DESCRIPTION: This is a Mini Add-On containing 4224 bytes of static ram & 2 flexible IO ports. Copy, modify and/or save game cartridges on tape. 2000 extra string entries or write hexadecimal machine code programs or data. Two accessories are mentioned here with several more in the works. Package includes tape with complex diagnostic and utility programs in the Blue RAM - total 6024 bytes-SZ  
 SOURCE: Perkins Engineering (616) 582-9832  
 1004 Pleasant Ave. Supplied as: KIT WIRED  
 Boyne City, MI 49712 Price: \$140.00 \$180.00

PE

Blue RAM Keyboard Keyboard SB PE 48  
 DESCRIPTION: This 62 keyboard has all 96 ASCII characters including control characters plus caps lock, repeat and special words keys. Interfaces to the Blue RAM IO ports leaving the tape port free. Kit contains partial enclosure, wire, key cap stickers, program and electronics. Kit unit requires you to order keyboard ( K62 ) from Jameco. Wired and tested unit includes keyboard.  
 SOURCE: Perkins Engineering (616) 582-9832  
 1004 Pleasant Ave. Supplied as: KIT WIRED  
 Boyne City, MI 49712 Price: \$ 25.00 \$ 90.00

PE

BSR Controller Controller SB-BR PE 48  
 DESCRIPTION: This add-on for the Blue-RAM controls lights and appliances whether you are at home or away by ultrasonic coupling to the BSR or Sears controller. The included program on tape makes it very easy to program a simulation of your family's lighting pattern. Your BALLY or a surplus board will keep house while you're away. Requires Blue RAM, BSR X-10 ultrasonic controller.  
 SOURCE: Perkins Engineering (616) 582-9832  
 1004 Pleasant Ave. Supplied as: KIT  
 Boyne City, MI 49712 Price: \$ 19.95

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BALLY DEALERS

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DEALER: ABC Hobbycraft
2155 E. Morgan Ave.
Evansville, IN 47711
(812) 477-9661

ABC

BALLY ARCADE/Computer System (ABA-1000 ) 2 controllers \$ 299.95
BALLY VIDEOCADES 280 Zzzap/Dodgem, Seawolf/Missile, Star Battle, Bingo M
at \$ 21.95 each: Math/Speed Math, Amazin' Maze/Tic-Tac-Toe

BALLY VIDEOCADES Panzer Attack/Red Baron, Clowns/Brickyard, Space Invaders,
at \$ 26.95 each: Baseball/Tennis/Hockey/Handball, Football, Bally Pinball,
Letter Match/Spell n' Score/Crossword, Blackjack/Poker/
Acey-Duecy, Dogpatch

BALLY BASIC Videocade \$ 54.95

Audio Interface (used w/BASIC and Cassette Recorder) \$ 54.95

Other Videocades available soon call or write for information.

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DEALER: THE CURSOR GROUP
P.O. BOX 266
NORTH HOLLYWOOD, CA 91603
(812) 477-9661

TCG

BALLY VIDEOCADES 280 Zzzap/Dodgem, Seawolf/Missile, Star Battle, Bingo M
at \$ 21.95 each: Math/Speed Math, Amazin' Maze/Tic-Tac-Toe

BALLY VIDEOCADES Panzer Attack/Red Baron, Clowns/Brickyard, Space Invaders,
at \$ 26.95 each: Baseball/Tennis/Hockey/Handball, Football, Bally Pinball,
Letter Match/Spell n' Score/Crossword, Blackjack/Poker/
Acey-Duecy, Dogpatch

BALLY BASIC Videocade \$ 54.95

Audio Interface (used w/BASIC and Cassette Recorder) \$ 54.95

Hand Controllers: Pair \$ 34.95

BALLY Service Manual: \$ 3.50

California Residents add 6% sales tax.

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BALLY SERVICE

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SERVICE: David Stocker
333 Coronado Dr.
Mt. Vernon, IN 47620
(812) 838-3192

DS

Hand Controllers: Cleaned (Fixes "shakey" knob) \$ 2.50 each
And hole drilled in bottom See postage rates below
for cleaning fluid.

Broken Cable: Replaced (If some movements of \$ 4.00 each
controller do not register). See postage rates below

Postage Rates: \$ 1.50 for first controller + \$ .50 for each additional unit.

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SOURCE: ARCADIAN  
3626 Morrie Drive  
San Jose, CA 95127

Manual Title	Price (includes 3rd Class Postage)
BALLY Service Manual	\$ 1.00
Executive Software (27pp)	\$ 2.50
Hacker's Manual (21pp)	\$ 2.00
Manual of Hardware and Software (>300pp)	\$30.00
BALCHEK (60+pp)	\$ 6.50
BALLY BASIC (63pp)	\$ 6.50

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SOURCE: CURSOR  
Suite 201  
1010A West Magnolia Blvd.  
Burbank, CA 91506

Manual Title	Price (includes 3rd Class Postage)
BALLY On-Board Subroutines	\$ 3.99
Hacker's Manual	\$ 3.49
Disassembled TINY BASIC	\$ 7.49
Disassembled Brickyards and Clowns	\$ 7.99
Disassembled Demo Cassette	\$ 7.49
Disassembled System Software	\$11.99
Disassembled On-Board Games	\$13.75
BALLY System Description Book	\$ 7.99
BALLY Service Manual	\$ 3.19
Peak n' Poke Manual	\$ 7.50

Add 7% to the total order for First Class Postage.

California residents add 6% sales tax.

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1	25	DMA Graphics	C. J. Anderson
1	71	Machine Language Graphics	Brett Bilbrey

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OTHER TUTORIALS

	Title	Authors
	XY Tutorial	Tim Hays Sebree's Computing

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Contact for further information, meeting times and places.

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Chicago, Illinois Area	
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Please send in information on user groups.

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