

COMPUTER CROSS

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NICE GRAPHICS WITH HYMNS
USES BLUE RAM BASIC
PLAY COMMAND.

NOTE: YOU MUST TYPE IN THE TWO SEPARATE
MUSIC ARRAYS BEFORE SAVING TO TAPE.
TO SAVE TO TAPE TYPE "GOTO 5000"

LOWERCASE WORDS ARE 1-BYTE KEYPAD WORDS. UND
ERSCORES ARE SPACES.

```
1 default ;BC=7;clear ;box 0,0,140,60,7;box 0
,0,120,40,5;box 0,0,100,20,6;CC=2;CX=-40;CY=0
;print "COMPUTER_CROSS";CC=6
2 for D=1to 1500;next D
5 .COMPUTER_CROSS_PROGRAM_BY_BRUCE_BRIGDEN,_F
OR_WIBW-TV,_JULY_6,_1984
10 clear ;BC=7;FC=252
20 for A=48to 102;CI.0,1,A,7;next A
25 PLAY%(26000)
30 for C=1to 42
34 BC=rnd (32)x8
35 S=rnd (10)x2
36 D=rnd (2)+1
40 for H=-30to 30step 10;box H,9,S,S,D;next H
50 for V=29to -31step -10;box 0,V,S,S,D;next
V
60 for Q=1to 400;next Q
70 next C
74 G=rnd (6);if G=1G=26000;%(G)=128;%(G+1)=49
;goto 170
75 if G=2G=26000;%(G)=128;%(G+1)=71;goto 170
76 if G=3G=26000;%(G)=128;%(G+1)=rnd (2)x12;g
oto 170
77 if G=4G=27000;%(G)=128;%(G+1)=49;goto 170
78 if G=5G=27000;%(G)=128;%(G+1)=71;goto 170
79 if G=6G=27000;%(G)=128;%(G+1)=rnd (2)x12;g
oto 170
80 goto 25
105 clear
110 NT=0;A=27000
120 print #1,"__%(",A,")=",";input "_ "B
122 if B=100PLAY%(27000);goto 120
123 %(A)=B
130 A=A+1;%(A)=240
140 goto 120
150 for A=27000to 27500step 2;print A,;X=%(A)
+256;print RM;print X;next A
170 %(G+2)=176;%(G+3)=102;%(G+4)=6;%(G+5)=144
;%(G+6)=252;%(G+7)=50;PLAY%(G);goto 30
5000 %(27950)=27195;%(27952)=13;print %(2457
6),2000
```

MUSIC ARRAYS

ENTER THESE ARRAYS BEFORE TAPING PROGRAM

```
@(270)= 18304          @(328)= 21810
@(271)= 26288          @(329)= 11648
@(272)=-28666         @(330)=-32718
@(273)= 13052         @(331)= 3925
@(274)= 12800         @(332)= 17209
@(275)= 11583         @(333)= 7775
@(276)= 16170         @(334)= 25919
@(277)= 3890          @(335)= 7808
@(278)= 12842         @(336)=-32711
@(279)= 7743          @(337)= 7775
@(280)= 13612         @(338)= 21810
@(281)= 7808          @(339)= 7808
@(282)= 16165         @(340)=-32721
@(283)= 15488         @(341)= 7755
@(284)=-32726         @(342)= 16170
@(285)= 7730          @(343)= 7808
@(286)= 16178         @(344)= 25898
@(287)= 7808          @(345)= 11583
@(288)= 21824         @(346)= 24357
@(289)= 11621         @(347)= 3915
@(290)= 17209         @(348)= 19237
@(291)= 3935          @(349)= 7775
@(292)= 16178         @(350)= 15397
@(293)= 7781          @(351)= 7781
@(294)= 29487         @(352)=-26574
@(295)= 7755          @(353)= 23100
@(296)= 17199         @(354)= 29487
@(297)= 23211         @(355)= 3897
@(298)= 16178         @(356)= 14639
@(299)= 7808          @(357)= 3955
@(300)= 20530         @(358)= 29487
@(301)= 11656         @(359)= 11577
@(302)= 19231         @(360)=-21727
@(303)= 3976          @(361)= 3897
@(304)=-30689         @(362)= 16165
@(305)= 7755          @(363)= 7851
@(306)=-30689         @(364)=-21718
@(307)= 7755          @(365)= 7727
@(308)= 14625         @(366)= 17199
@(309)= 7816          @(367)= 7851
@(310)=-32731         @(368)=-32718
@(311)= 7730          @(369)= 7743
@(312)= 12842         @(370)= 16178
@(313)= 7800          @(371)= 7808
@(314)= 29497         @(372)=-13014
@(315)= 7727          @(373)= 3903
@(316)= 16178         @(374)=-16081
@(317)= 11621         @(375)= 3903
@(318)= 24377         @(376)= 16175
@(319)= 3903          @(377)= 11718
@(320)= 16185         @(378)=-21710
@(321)= 7775          @(379)= 3925
@(322)= 24373         @(380)= 25919
@(323)= 7743          @(381)= 7851
@(324)= 19253         @(382)=-21710
@(325)= 23135         @(383)= 7765
@(326)= 17202         @(384)= 17209
@(327)= 7760          @(385)= 23211
                        @(386)=-32705
                        @(387)= -3995
```

MORE MUSIC ARRAYS

THIS IS ANOTHER ARRAY TO TYPE IN BEFORE YOU SAVE TO TAPE

@(770) = 12672	@(815) = 26165
@(771) = 26288	@(816) = 14734
@(772) = -28666	@(817) = 12847
@(773) = 13052	@(818) = 13739
@(774) = 18176	@(819) = 6435
@(775) = 6453	@(820) = 20640
@(776) = 27445	@(821) = 6431
@(777) = 6471	@(822) = 13710
@(778) = 13639	@(823) = 6435
@(779) = 6507	@(824) = 9088
@(780) = 16288	@(825) = 6447
@(781) = 6447	@(826) = 9088
@(782) = 18271	@(827) = 12842
@(783) = 12857	@(828) = 12127
@(784) = 27463	@(829) = 12839
@(785) = 6453	@(830) = 16321
@(786) = 13675	@(831) = 6439
@(787) = 6442	@(832) = 16299
@(788) = 10867	@(833) = 6435
@(789) = 6453	@(834) = 24480
@(790) = 13696	@(835) = 6439
@(791) = 6442	@(836) = 10126
@(792) = 10894	@(837) = 6457
@(793) = 6453	@(838) = 12174
@(794) = 12192	@(839) = 6457
@(795) = 6439	@(840) = 13675
@(796) = 14734	@(841) = 6442
@(797) = 12847	@(842) = 10823
@(798) = 13639	@(843) = 6453
@(799) = 12842	@(844) = 13683
@(800) = 13675	@(845) = 6442
@(801) = 6435	@(846) = 10880
@(802) = 16288	@(847) = 6453
@(803) = 6426	@(848) = 13739
@(804) = 13696	@(849) = 6435
@(805) = 12831	@(850) = 13631
@(806) = 21867	@(851) = 12839
@(807) = 6435	@(852) = 18318
@(808) = 12147	@(853) = 6442
@(809) = 6439	@(854) = 18318
@(810) = 13675	@(855) = 6447
@(811) = 12842	@(856) = 20622
@(812) = 14687	@(857) = 26159
@(813) = 12839	@(858) = 21867
@(814) = 13675	@(859) = -4043

Important!

Ken, both arrays.

① @(270) thru @(387)

② @(770) thru @(859)

must be entered before saving to tape!

To make this a self-starting program, use the utility included in line 5000 to make your taped copy. Get your tape rolling and type

GOTO 5000

Ken,

This makes a beautiful crucifix while playing hymns using the "PLAY" command. Enjoy the tape enclosed.

George