

10-20. GOSUB TITLE, START
 30-70 SUBROUTINES FOR BUY, SELL, GIVE, PLANT PRINT
 80-90 INITIALIZE VARIABLES UPDATES

 100-130 START RULE
 140-160 DURING RULE
 170-220 ENO RULE

 230-270 PERFORMANCE PTS CALCULATION
 280-290 LAND VALUE

 300-400 BUY LAND ROUTINE

 410-500 SELL LAND ""
 510-560 GIVE OUT FOOD ""
 570-620 PLANT CROPS
 630-650 # WHO DIED CALC.
 660- HARVEST CALC.
 670 RATS ATE CALC.
 680 FOOD TOTAL CALC.
 690-710 IMMIGRATION CALCULATION
 720 TOTALS UPDATE
 730-740 LAST YEAR HEADING
 750 STARVED
 760-770 DEATHS, BIRTHS
 780 IMMIGRANTS EXCEED COUNTRYMEN
 800-840 PLAGUE DEATHS
 850-890 YEARLY UPDATE
 900-910 TITLE

Line #	Statement(s)	Comments
1	.	
2	.	
3	:RETURN	
4	.	
5	.	
10	CLEAR ;GOSUB 900	
20	GOTO 80	
30	CY=16;PRINT F," BUSHELS OF FOOD";RETURN	
40	CY=8;PRINT A," ACRES OF LA ND";RETURN	
50	PRINT "HOW?";RETURN	
60	FOR E=1 TO 2000;NEXT E;RETU RN	
70	CY=-24;PRINT " ";RETUR N	
80	P=100;F=3000;A=1000;Y=0;L= 0;NT=0;W=0;K=0;N=18+RND(3)	
90	CLEAR	
100	PRINT "KING HAMURABI	
110	IF Y>0 GOTO 140	
120	PRINT "YOU START YOUR RULE WITH:	
130	GOTO 180	
140	IF Y=10 GOTO 170	
150	PRINT "AFTER ",#1,Y," YEAR (S) OF RULE:	
160	GOTO 180	
170	PRINT "AT THE END OF YOUR REIGN:	
180	PRINT P," PEOPLE	
190	GOSUB 30;GOSUB 40	
200	IF Y#10 GOTO 280	
210	PRINT K," PEOPLE DIED	
220	PRINT	

Line #	Statement(s)	Comments
230	$Z = (P \times 2) + ((F - (P \times 20)) \div 10) + (A \times 10) \div P - ((K - 10) \times 5)$	
240	PRINT Z, " PERFORMANCE PTS.	
250	IF Z > M: M = Z	
260	PRINT "TODAY'S HIGH SCORE =", #5, M	
270	PRINT "AGAIN?"; A = KP; GOTO 10	
280	V = 17 + RND (5)	
290	PRINT V, " BHL/AC LAND VALUE	
300	PRINT "BUY LAND HOW MANY ACRES?"	
310	INPUT B	
320	IF B = 0 GOTO 410	
330	L = B * V	
340	IF L < F GOTO 380	
350	IF L > F GOTO 50	
360	GOSUB 60; GOSUB 70	
370	GOTO 310	
380	F = F - L; A = A + B	
390	GOSUB 30; GOSUB 40	
400	IF B > 0 GOTO 510	
410	CY = -8; PRINT "SELL LAND HOW MANY ACRES?"	
420	INPUT S	
430	IF S = 0 GOTO 510	
440	IF S < A GOTO 490	
450	IF S = A PRINT "SO YOUR QUITTING!!"; GOTO 260	
460	IF S > A GOSUB 50	
470	GOSUB 60; GOSUB 70	
480	GOTO 420	
490	A = A - S; F = F + V * S	
500	GOSUB 30; GOSUB 40	
510	CY = -8; PRINT "GIVE OUT FOOD # BUSHEL'S?"	
520	INPUT C	
530	IF C < F GOTO 560	

Line #	Statement(s)	Comments
540	IF C>F GOTO SUB 50	
550	GOSUB 60; GOSUB 70; GOTO 520	
560	F=F-C; GOSUB 30	
570	CY=-8; PRINT "PLANT CROPS? # OF ACRES? "	
580	GOTO 600	
590	GOSUB 60; GOSUB 70	
600	INPUT G; X=G/2	
610	IF (G>A)+(X>F)+(G>15XP) GOSUB 50; GOTO 590	
620	F=F-X; GOSUB 30; GOSUB 60	
630	D=P-C/N	
640	IF D>0 GOTO 660	
650	IF D<0 D=0; V=RND(3)-1	
660	H=RND(4)+1; T=H*X	
670	R=((F+T)/100)*RND(7)	
680	F=F-R+T; J=RND(9)	
690	I=((F/250)/(D+1))+((A/P)-10)	
700	IF I<=50 GOTO 720	
710	I=50	
720	P=P+I-D+U; Y=Y+1; W=W+I; K=K+D; CLEAR	
730	PRINT "KING HAMURABI	
740	PRINT "LAST YEAR	
750	IF D>P/4 IF J#5 IF Y>3 PRINT D, " PEOPLE STARVED YOU HAVE BEEN THROWN IN PRISON!"; GOTO 260	
760	IF D>0 PRINT D, " DEATHS	
770	IF U>0 PRINT U, " BIRTHS	
780	PRINT I, " PEOPLE IMMIGRATED	
790	IF W>(P/2)+W/3 PRINT "IMMIGRANTS EXCEED COUNTRY-MEN AND HAVE TAKEN OVER THE COUNTRY!"; GOTO 260	

Line #	Statement(s)	Comments
800	IF J#5 GOTO 850	
810	PRINT "THE PLAGUE KILLED	
820	Q = (P * (10 * RND(5))) / 100	
830	PRINT Q, " PEOPLE	
840	P = P - Q	
850	PRINT "YOUR PEOPLE HARVEST ED	
860	PRINT T, " BUSHELS AT	
870	PRINT H, " BUSHELS PER ACRE	
880	PRINT "RATS ATE ", #3, R, " B USHELS	
890	GOSUB 60; GOTO 90	
900	FOR A = -63 TO 57 STEP 24; BOX A, 32, 12, 8, 1; NEXT A; BOX -3, -4, 132, 64, 1	
910	CX = -47; CY = 0; PRINT " KING HAMURABI"; CX = -47; PRINT " B Y R M HOUSER"; A = KP; RETURN	