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10 REM EVOLUTION
20 REM PAUL STANLEY
30 MODE 1:BORDER 0:INK 0,0:INK 1,24:INK
2,20:INK 3,6:WINDOW #1,1,40,1,25:PAPER #
1,0:PEN #1,1:CLS #1
40 DIM Y(6),X(6)
50 GOSUB 1490
60 A=0:WH=5
70 PEN 2:LOCATE 12,1:PRINT CHR$(24);"E V
  O L U T I O N";CHR$(24);:PEN 1
80 PEN 3:LOCATE 1,5:PRINT"This semi-scie
ntific series of routines gives you the
chance to evolve from an amoeba to a hu
man based on the theory that only the
strong survive.":PEN 1
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90 PRINT:PRINT"This program goes from an amoeba to frog to beaver.The next program goes from gorilla to caveman.The final one of this trio involves the present stage of evolution. Man and his technology."
100 PEN 2:PRINT:PRINT"The intention is that you should try the stages in the correct order but after each stage you are given a menu.":PEN 1
110 PEN 3:LOCATE 1,23:PRINT"PRESS ANY KEY TO CONTINUE":PEN 1
120 IF INKEY$<>"" THEN 120
130 IF INKEY$="" THEN 130 ELSE CLS
140 GOTO 260
150 PEN 2:LOCATE 12,1:PRINT CHR$(24);"EVOLUTION";CHR$(24);:PEN 1
160 PRINT:PRINT:PRINT"
170 PEN 3:LOCATE 1,5:PRINT"The first stage is as an amoeba";:PEN 2:PRINT CHR$(231);:PEN 3:PRINT"You have to eat 5 spores";:PEN 1:PRINT CHR$(234);:PEN 3:PRINT"while avoiding ";CHR$(24);CHR$(232);CHR$(24);" ";CHR$(24);"and ";:PRINT CHR$(24);CHR$(233);CHR$(24);
180 PEN 1
190 PEN 2:LOCATE 1,10:PRINT"This is also a battle against time,for when the clock at the top of the screen says 0,it means that you have starved because you did not eat the spores in time.":PEN 1
200 PRINT:PRINT:PRINT"Use the cursor keys to move around."
210 PRINT:PRINT:PRINT
220 PEN 2:LOCATE 1,22:PRINT CHR$(24);"PRESS ANY KEY TO START";CHR$(24);:PEN 1
230 IF INKEY$<>"" THEN 230
240 IF INKEY$="" THEN 240 ELSE CLS:GOTO 320
250 A=0
260 SYMBOL AFTER 231
270 SYMBOL 231,120,132,180,178,129,153,85,51

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280 SYMBOL 232,0,24,36,90,90,36,24,0
290 SYMBOL 233,0,73,42,28,127,28,42,73
300 SYMBOL 234,0,60,66,145,133,145,66,60
310 GOTO 150
320 BORDER 0:INK 0,0:INK 1,24:INK 2,20:INK 3,6:WINDOW #0,5,36,1,25:PAPER #0,0:PEN #0,1:CLS #0
330 AY=15:AX=14:A$=CHR$(232)+CHR$(232)+CHR$(233)+CHR$(233)+CHR$(234)+CHR$(234)
340 T=150:SC=0
350 FOR F=1 TO 6:Y(F)=INT(RND*22):X(F)=INT(RND*32):LOCATE X(F)+1,Y(F)+1:PRINT MID$(A$,F,1);:NEXT
360 PEN 3:LOCATE AX+1,AY+1:PRINT CHR$(231);:PEN 1
370 FOR F=1 TO 5 STEP 2:FOR I=F TO F+1
380 LOCATE X(I)+1,Y(I)+1:PRINT " ":Y(I)=INT(Y(I)+RND*2-RND*2):X(I)=INT(X(I)+RND*3-RND*3)
390 IF F<5 THEN Y(I)=Y(I)-(Y(I)<AY)+(Y(I)>AY):X(I)=X(I)-(X(I)<AX)+(X(I)>AX)
400 IF Y(I)<A OR Y(I)>21 THEN Y(I)=11
410 IF X(I)<A OR X(I)>31 THEN X(I)=15
420 LOCATE X(I)+1,Y(I)+1:PRINT MID$(A$,I,1);
430 LOCATE AX+1,AY+1:PRINT " ";
440 AY=AY-(INKEY(2)=0 AND AY<21)+(INKEY(0)=0 AND AY>A)
450 AX=AX-(INKEY(1)=0 AND AX<31)+(INKEY(8)=0 AND AX>A)
460 PEN 2:T=T-1:LOCATE 12,1:PRINT "TIME: "; T;:PEN 1:IF T=A THEN 560
470 LOCATE AX+1,AY+1:CALL 360:KK=PEEK(367):IF KK=232 OR KK=233 THEN 560 ELSE IF KK=234 THEN 510
480 LOCATE AX+1,AY+1:PEN 3:PRINT CHR$(231);:PEN 1
490 NEXT I,F:GOTO 360
500 REM
510 LOCATE AX+1,AY+1:PRINT CHR$(231);:FOR J=1 TO 25:SOUND 1,INT(RND*J+100),3:NEXT J:FOR J=5 TO 6
520 IF AY=Y(J) AND AX=X(J) THEN WH=J

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530 NEXT J:Y(WH)=INT(RND*22):X(WH)=INT(R
ND*32):LOCATE X(WH)+1,Y(WH)+1:PRINT A$(W
H);
540 SC=SC+1:IF SC<5 THEN 480
550 CLS:PEN 3:PRINT"Well done you surviv
ed the first
    stage of amoeba.":PEN 1:GOTO 1330
560 FOR G=1 TO 4:FOR F=1 TO 20:ENT 1,100
,-F,3:SOUND 1,170,3,7,1,1,0:NEXT F,G:CLS
:PRINT"Bad luck! You failed in the 1st s
tage of evolution.":GOTO 1330
570 STOP
580 BORDER 0:INK 0,0:INK 1,24:INK 2,20:I
NK 3,18:WINDOW #0,5,36,1,25:PAPER #0,0:P
EN #0,1:CLS #0
590 PEN 2:LOCATE 8,1:PRINT CHR$(24);"E V
O L U T I O N";CHR$(24):PEN 1
600 PRINT:PRINT"                Frog stage."
610 LOCATE 1,5:PEN 3:PRINT"In this stage
you have to catch flies on your tongue,
while          avoiding the birds which swoo
p down to try and capture their prey
- YOU!!":PEN 1
620 PRINT:PRINT"Use for controls:"
630 PEN 2:PRINT:PRINT"COPY...to stick yo
ur tongue out Left arrow...to move left
    Right arrow...to move right":PEN 1
640 PEN 3:PRINT:PRINT"You have survived
this stage      when you have consumed 5
flies without falling prey to the      bi
rds.":PEN 1
650 LOCATE 1,24:PEN 2:PRINT CHR$(24);"
    PRESS ANY KEY TO START      ";CHR$(24)
;:PEN 1
660 IF INKEY$<>"" THEN 660
670 IF INKEY$="" THEN 670 ELSE CLS
680 RESTORE 690
690 SYMBOL 235,28,34,78,79,56,32,64,48
700 SYMBOL 236,56,68,114,242,28,4,2,12
710 SYMBOL 237,15,48,64,92,88,84,82,249
720 SYMBOL 238,240,12,2,58,26,42,74,159
730 SYMBOL 239,0,0,0,34,85,63,24,0
740 SYMBOL 240,0,0,0,63,127,143,1,15
750 SYMBOL 241,31,124,240,192,224,255,0,
0

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760 X=15:Y(1)=INT(RND*6)+13:X(1)=0:Y(2)=
0:X(2)=30:Y(3)=Y(2):X(3)=X(2):F=0
770 PLOT 64,62:DRAWR 510,0,3
780 IF Y(1)<5 THEN Y(1)=5
790 LOCATE 16,1:PRINT F;:LOCATE X+1,20:PE
N 3:PRINT " ";CHR$(235);CHR$(236);" ";:L
OCATE X+1,21:PRINT " ";CHR$(237);CHR$(238
);" ";:PEN 1:LOCATE X(1)+1,Y(1)+1:PRINT
CHR$(239);
800 LOCATE X(3)+1,Y(3)+1:PRINT " ";:LOCA
TE X(2)+1,Y(2)+1:PEN 2:PRINT CHR$(240);C
HR$(241);:PEN 1
810 Y(3)=Y(2):X(3)=X(2)
820 IF INKEY(9)=0 THEN GOSUB 910
830 IF INKEY$("<>") THEN SOUND 1,180,3:SOU
ND 1,120,3:SOUND 1,90,3
840 IF (X(2)=X+2 OR X(2)=X+1) AND Y(2)=1
8 THEN GOTO 970
850 IF Y(2)=18 THEN LOCATE X(2)+1,Y(2)+1
:PRINT " ";:Y(2)=0:X(2)=X+12:IF X(2)>30
THEN X(2)=30
860 IF X(1)>29 THEN LOCATE X(1),Y(1):PRI
NT " ";:X(1)=0:Y(1)=INT(RND*6+13)
870 LOCATE X(1)+1,Y(1)+1:PRINT " ";:LOCAT
E X(2)+1,Y(2)+1:PRINT " ";
880 Y(2)=Y(2)+2:X(2)=X(2)-(X(2)<X+1)+(X(
2)>X+1):Y(1)=Y(1)+INT(0.5+RND*2-RND*2):X
(1)=X(1)+INT(RND*1.5):IF Y(1)>20 THEN Y(
1)=14
890 X=X+(INKEY(8)=0 AND X>0)-(INKEY(1)=0
AND X<28)
900 GOTO 780
910 PLOT X*16+92,88,3:DRAWR 0,114,3
920 SOUND 1,200,3:SOUND 1,120,3
930 PLOT X*16+92,88,0:DRAWR 0,114,0
940 IF X(1)=X+1 AND Y(1)<19 AND Y(1)>9 T
HEN F=F+1:LOCATE X(1)+1,Y(1)+1:PRINT " "
;:X(1)=0:Y(1)=INT(RND*6+13):SOUND 1,30,4
950 IF F=5 THEN CLS:FOR G=1 TO 3:FOR F=1
TO 10:ENT 1,100,-F,3:SOUND 1,100,7,7,0,
1:NEXT F,G:PRINT:PRINT"Well done! You co
nsumed 5 fliesand can therefore evolve
to the next stage.":FOR ss=1 TO 1500:NEX
T:GOTO 1330

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960 RETURN
970 FOR f=-10 TO 20:SOUND 1,(RND*f+100),
3:NEXT:CLS:PRINT:PRINT"You have been con
sumed and can evolve no further.":FOR s
s=1 TO 2000:NEXT:GOTO 1330
980 WINDOW #0,5,36,1,25:BORDER 0:INK 0,1
1:INK 1,24:INK 2,0:INK 3,6:PAPER #0,0:PE
N #0,1
990 PEN 3:PRINT CHR$(24);"          E V O L
U T I O N          ";CHR$(24);:PEN 1
1000 PEN 2:LOCATE 1,5:PRINT"You have no
w evolved to a beaver. In this stag
e you haveto eat TEN fish before you
are eaten by the patrolling crab.":PEN 1
1010 PRINT:PRINT"MOVE USING THE CURSOR K
EYS and try to eat the fish before the
fresh water crab does. Make sure"
1020 PEN 2:PRINT:PRINT"that you avoid th
e crab because if it comes into contact
with you it will eat you and you wille
volve no further.":PEN 1
1030 PEN 3:LOCATE 1,21:PRINT CHR$(24);"
PRESS ANY KEY TO START          ";CHR$(24
);:PEN 1
1040 IF INKEY$("<>") THEN 1040
1050 IF INKEY$="" THEN 1050 ELSE CLS
1060 SYMBOL 242,0,0,15,16,224,159,8,12
1070 SYMBOL 243,0,32,220,10,1,254,16,24
1080 SYMBOL 244,0,4,59,80,128,127,8,24
1090 SYMBOL 245,0,0,240,8,7,249,16,48
1100 SYMBOL 246,0,0,8,61,191,255,255,255
1110 SYMBOL 247,12,30,186,255,255,190,30
,12
1120 SYMBOL 248,195,60,255,126,235,66,16
5,165
1130 PEN 3:LOCATE 1,22:PRINT STRING$(32,
246);:PEN 1
1140 Y=20:X=15:Y1=Y:X1=X:F=5:G=0:F1=F:G1
=G
1150 A$=CHR$(242)+CHR$(243):F1=0:LOCATE
16,1:PRINT F1;
1160 IF RND>0.95 THEN LOCATE INT(RND*29)
+2,INT(RND*15)+6:PEN 3:PRINT CHR$(247);:
PEN 1

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1170 LOCATE X+1,Y+1:CALL 360:KK=PEEK(367)
):LOCATE X+2,Y+1:CALL 360:KY=PEEK(367)
1180 IF KK=247 OR KY=247 THEN SOUND 1,75
,3:FI=FI+1:LOCATE 16,1:PRINT FI;:IF FI=1
0 THEN LOCATE X1+1,Y1+1:PRINT" ";:LOCAT
E X+1,Y+1:PEN 2:PRINT A$;:PEN 1:FOR FF=1
TO 30:SOUND 1,INT(RND*FF+100),3:NEXT:GO
TO 1300
1190 LOCATE X1+1,Y1+1:PRINT" ";:LOCATE
G1+1,F1+1:PRINT" ";:LOCATE X+1,Y+1:PEN 2
:PRINT A$;:PEN 1:LOCATE G+1,F+1:PRINT CH
R$(248);
1200 Y1=Y:X1=X:F1=F:G1=G
1210 IF F=Y THEN IF G=X OR G=X+1 THEN FO
R FF=1 TO 20 :SOUND 1,(FF*2+100),3:NEXT:
GOTO 1320
1220 IF INKEY(1)=0 THEN A$=CHR$(242)+CHR
$(243):X=X-2*(X<29)
1230 IF INKEY(8)=0 THEN A$=CHR$(244)+CHR
$(245):X=X+2*(X>1)
1240 IF INKEY(0)=0 THEN IF Y>5 THEN Y=Y-
1
1250 IF INKEY(2)=0 THEN Y=Y-(Y<20)
1260 F=INT(F+RND*1.5-RND*1.5-(F<Y)+(F>Y)
):G=G+1
1270 IF F<5 OR F>20 THEN F=-20*(F>20)-5*
(F<5)
1280 IF G=31 THEN G=0
1290 GOTO 1160
1300 CLS:PRINT:PRINT"Well done! You surv
ived as a beaver and you can continue
to the next stage if you wish."
1310 GOTO 1330
1320 CLS:PRINT:PRINT"Bad luck! You can e
volve no morebecause you have been destr
oyed by the crab.":FOR ss=1 TO 1000:NEXT
:GOTO 1330
1330 PEN 3:PRINT:PRINT CHR$(24);"Press t
he key which corresponds to what you wan
t to do next. ";CHR$(24);:PEN 1
1340 PEN 2:PRINT:PRINT"1....Amoeba stage
.":PEN 1
1350 PRINT:PRINT"2....Frog stage."
1360 PEN 3:PRINT:PRINT"3....Beaver stage
.":PEN 1

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1370 PRINT:PRINT"4....Load stages 4&5"
1380 PEN 2:PRINT:PRINT"5....Exit from th
e program.":PEN 1
1390 IF INKEY$<>" " THEN 1390
1400 A$=INKEY$:IF A$="" THEN 1400
1410 IF A$<"1" OR A$>"5" THEN 1400
1420 IF A$="1" THEN CLS:RUN 320
1430 IF A$="2" THEN CLS:GOTO 580
1440 IF A$="3" THEN CLS:GOTO 980
1450 IF A$="4" THEN LOAD ""
1460 IF A$="5" THEN STOP
1470 GOTO 1390
1480 END
1490 RESTORE 1500:FOR X=360 TO 366:READ
AA:POKE X,AA:NEXT:RESTORE:RETURN
1500 DATA 205,96,187,50,111,1,201
10000 FOR x= 235 TO 241:PRINT CHR$(x);:N
EXT
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10 REM EVOLUTION
20 REM @ PAUL STANLEY
30 MODE 1:BORDER 0:INK 0,0:INK 1,24:INK
2,20:INK 3,18:WINDOW #1,1,40,1,25:PAPER
#1,0:PEN #1,1:CLS #1
40 GOSUB 1290
50 PEN 3:PRINT CHR$(24);"                                E V
O L U T I O N                                ";CHR$(24);:PEN
1
60 PEN 2:LOCATE 1,5:PRINT"If you have tr
ied the previous program this will be
the 4th stage in the evolution sequ
ence.":PEN 1
70 PEN 2:PRINT:PRINT"If you haven't t
hen the object is to evolve as far as po
ssible in a role - playing series of d
ifferent programs.":PEN 1
80 PEN 3:PRINT:PRINT"In this stage yo
u play the part of a gorilla who compete
s against a smaller monkey who is faste
r than you.":PEN 1
90 PRINT:PRINT"You have to eat six out o
f 40 bananas which are placed in the f
orest in randompositions,but the monkey
likes bananas as well ! ! "
100 PEN 3:LOCATE 1,24: PRINT CHR$(24);"
PRESS ANY KEY TO CONTINUE "
;CHR$(24);:PEN 1
110 IF INKEY$(">") THEN 110

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120 IF INKEY$="" THEN 120 ELSE CLS
130 PEN 3:PRINT CHR$(24);"                                E V
   O L U T I O N                                ";CHR$(24);:PE
N 1
140 LOCATE 1,7:PEN 2:PRINT"MOVE WITH CUR
SOR ARROW KEYS, but note    that you cann
ot go through the trees."
150 PEN 1:PRINT:PRINT:PRINT"You pick up
a banana by aligning the tophalf of your
body with the banana.":PEN 1
160 PEN 3:LOCATE 1,24: PRINT CHR$(24);"
      PRESS ANY KEY TO CONTINUE      "
;CHR$(24);:PEN 1
170 IF INKEY$<>"" THEN 170
180 IF INKEY$="" THEN 180 ELSE CLS:WINDO
W #0,5,36,1,25:PAPER #0,0:PEN #0,1:CLS #
0
190 SYMBOL AFTER 230
200 SYMBOL 231,64,99,101,41,63,31,13,7
210 SYMBOL 232,0,192,160,192,248,252,190
,231
220 SYMBOL 233,7,7,7,14,12,12,12,28
230 SYMBOL 234,227,224,224,112,48,48,48,
56
240 SYMBOL 235,2,2,6,14,28,56,240,0
250 SYMBOL 236,25,25,255,188,156,60,36,1
02
260 SYMBOL 237,8,60,126,254,255,127,126,
60
270 PEN 3:FOR F=0 TO 31:LOCATE F+1,1: PR
INT CHR$(237);:LOCATE F+1,21:PRINT CHR$(
237);:LOCATE F+1,2:PRINT CHR$(149);:LOCA
TE F+1,22:PRINT CHR$(149);:NEXT:PEN 1
280 PEN 3:FOR F=2 TO 18 STEP 2:LOCATE 1,
F+1:PRINT CHR$(237);CHR$(237);:LOCATE 31
,F+1:PRINT CHR$(237);CHR$(237);:LOCATE 1
,F+2:PRINT CHR$(149);CHR$(149);:LOCATE 31
,F+2:PRINT CHR$(149);CHR$(149);:NEXT:PE
N 1
290 PEN 3:FOR F=1 TO 12:X=INT(RND*27+2):
Y=INT(RND*16+2):LOCATE X+1,Y+1:PRINT CHR
$(237);:LOCATE X+1,Y+2:PRINT CHR$(149);:
NEXT:PEN 1
300 G=2:F=2:G1=G:F1=F:Y=18:X=28:Y1=Y:X1=
X

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310 B=40:S=0
320 BY=INT(RND*15+2):BX=INT(RND*26+2)
330 LOCATE BX+1,BY+1:CALL 360:KK=PEEK(367):IF KK<>32 THEN 320
340 LOCATE BX+1,BY+1:PRINT CHR$(235);
350 LOCATE 4,1:PRINT MID$(STR$(B),2);:LOCATE 29,1:PRINT MID$(STR$(S),2);
360 LOCATE X1+1,Y1+1:PRINT " ";:LOCATE X1+1,Y1+2:PRINT " ";:LOCATE X+1,Y+1:PRINT CHR$(231);CHR$(232);:LOCATE X+1,Y+2:PRINT CHR$(233);CHR$(234);:LOCATE G1+1,F1+1:PEN 3:PRINT CHR$(MK);:PEN 1
370 LOCATE G+1,F+1:CALL 360:MK=PEEK(367):IF MK<>237 AND MK<>149 THEN MK=32
380 LOCATE G+1,F+1:PRINT CHR$(236);:LOCATE BX+1,BY+1:PRINT CHR$(235);
390 IF Y=BY THEN IF X=BX OR X+1=BX THEN GOSUB 480
400 IF F=BY THEN IF G=BX THEN B=B-1:LOCATE 4,1:PRINT " ";:LOCATE 4,1:PRINT MID$(STR$(B),2);:SOUND 1,60,3:GOSUB 500
410 Y1=Y:X1=X
420 F1=F:G1=G
430 Y=Y-(INKEY(2)=0 AND Y<18)+(INKEY(0)=0 AND Y>2):X=X-(INKEY(1)=0 AND X<28)+(INKEY(8)=0 AND X>2)
440 LOCATE X+1,Y+1:CALL 360:K(1)=PEEK(367):LOCATE X+1,Y+2:CALL 360:K(2)=PEEK(367):LOCATE X+2,Y+1:CALL 360:K(3)=PEEK(367):LOCATE X+2,Y+2:CALL 360:K(4)=PEEK(367):FOR KK=1 TO 4:IF K(KK)=32 OR (K(KK)>230 AND K(KK)<236) THEN NEXT KK ELSE Y=Y1:X=X1
450 F=F-(F<BY)+(F>BY):G=G-(G<BX)+(G>BX)
460 REM
470 GOTO 360
480 S=S+1:B=B-1:LOCATE 4,1:PRINT " ";:LOCATE 4,1:PRINT MID$(STR$(B),2);:LOCATE 29,1:PRINT MID$(STR$(S),2);
490 SOUND 1,90,3
500 IF S=6 THEN 590
510 IF B=0 THEN 560
520 BY=INT(RND*15)+2:BX=INT(RND*26+2)
530 LOCATE BX+1,BY+1:CALL 360:KK=PEEK(367):IF KK<>32 THEN 520

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540 LOCATE BX+1,BY+1:PRINT CHR$(235);
550 RETURN
560 CLS
570 PRINT:PRINT"Bad luck! You are not
fast enough to progress any further
in evolution."
580 GOTO 1200
590 CLS:PRINT:PRINT"Well done! You manag
ed to eat the bananas before you starv
ed and therefore you can proceed tothe
next stage."
600 GOTO 1200
610 WINDOW #0,5,36,1,25:PAPER #0,0:PEN #
0,1:CLS #0:PRINT:PEN 2:PRINT"The object
here is to stop othercavemen from attack
ing your cave.":PEN 1
620 PEN 3:PRINT:PRINT"Your cave is in th
e middle of eight others and from any
of these can come rivals who are pr
epared to kill you in order to steal y
our property.":PEN 1
630 PRINT:PRINT"You can spin round with
the leftand right cursor keys and throw
a spear with the spacebar. You have suc
cessfully defended your cave when 30 att
acks have been made. However, you are g
iven 3 lives to make your task easier."
640 LOCATE 5,24:PRINT CHR$(24);"PRESS AN
Y KEY TO START";CHR$(24);
650 IF INKEY$("<>") THEN 650
660 IF INKEY$="" THEN 660 ELSE CLS
670 SYMBOL 239,8,28,8,8,8,8,8,8
680 SYMBOL 240,0,6,6,8,16,32,64,0
690 SYMBOL 241,0,0,2,255,2,0,0,0
700 SYMBOL 242,0,64,32,16,8,6,6,0
710 SYMBOL 243,8,8,8,8,8,8,28,8
720 SYMBOL 244,0,2,4,8,16,96,96,0
730 SYMBOL 245,0,0,64,255,64,0,0,0
740 SYMBOL 246,0,96,96,16,8,4,2,0
750 SYMBOL 247,28,28,8,62,8,28,20,20
760 Q=1
770 RESTORE 780:PEN 3:FOR Z=1 TO 40:READ
Y,X:LOCATE X,Y:PRINT CHR$(238);:NEXT Z:
PEN 1

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780 DATA 2,6,2,8,2,15,2,17,2,24,2,26,3,6
,3,7,3,15,3,17,3,25,3,26,9,15,9,17,10,1,
10,2,10,14,10,18,10,30,10,31,12,1,12,2,1
2,14,12,18,12,30,12,31,13,15,13,17,21,4,
21,5,21,15,21,17,21,26,21,27,22,4,22,6,2
2,15,22,17,22,26,22,28
790 LOCATE 2,1:PEN 2:PRINT"LIVES: ";CHR$(
(247);CHR$(247);
800 A$="":FOR KK=239 TO 246:A$=A$+CHR$(K
K):NEXT:C=0:A=1:S=0
810 K=0
820 LOCATE 22,1:PEN 2:PRINT"ATTEMPTS: ";M
ID$(STR$(C),2);:PEN 1:IF C=30 THEN 1170
830 KK=INT(RND*8)+1:ON KK GOSUB 970,980,
990,1000,1010,1020,1030,1040
840 REM
850 LOCATE X+1,Y+1:PRINT" ";:Y=Y+DY:X=X+
DX:LOCATE X+1,Y+1:PRINT CHR$(247);
860 FOR rx=1 TO 2
870 LOCATE 16,11:PRINT MID$(A$,A,1);
880 IF Y=10 THEN IF X=15 THEN 1130
890 IF S<>0 THEN LOCATE G+1,F+1:PRINT" "
;: F=F+DY2:G=G+DX2:F=-(F<1)-21*(F>21)-F*
(F>=1 AND F<=21):G=-(G<1)-31*(G>31)-G*(G
>=1 AND G<=31):LOCATE G+1,F+1:PRINT B$
900 IF S<>0 THEN IF (F=Y AND X=G) OR (F+
DY2=Y AND G+DX2=X) THEN LOCATE G+1,F+1:P
RINT" ";:LOCATE X+1,Y+1:PRINT" ";:S=0:C=
C+1:GOTO 820
910 SOUND 1,100-Y+X,3
920 IF INKEY(47)=0 THEN IF S=0 THEN B$=M
ID$(A$,A,1):F=10:G=15:S=1:ON A GOSUB 105
0,1060,1070,1080,1090,1100,1110,1120
930 A=A-(INKEY(1)=0 AND A<8)+7*(INKEY(1)
=0 AND A=8)+(INKEY(8)=0 AND A>1)-7*(INKE
Y(8)=0 AND A=1)
940 IF INKEY(47)=0 THEN IF S=0 THEN B$=M
ID$(A$,A,1):F=10:G=15:S=1:ON A GOSUB 105
0,1060,1070,1080,1090,1100,1110,1120
950 FOR ZZ=1 TO 20:NEXT:SOUND 1,30,2
960 NEXT rx:GOTO 840
970 Y=Q:X=6:DY=Q:DX=Q:RETURN
980 Y=Q:X=15:DY=Q:DX=Q:RETURN

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990 Y=Q: X=24: DY=Q: DX=-Q: RETURN
1000 Y=10: X=31: DY=0: DX=-Q: RETURN
1010 Y=21: X=26: DY=-Q: DX=-Q: RETURN
1020 Y=21: X=15: DY=-Q: DX=0: RETURN
1030 Y=21: X=4: DY=-Q: DX=Q: RETURN
1040 Y=10: X=0: DY=0: DX=Q: RETURN
1050 DY2=-1: DX2=0: RETURN
1060 DY2=-1: DX2=1: RETURN
1070 DY2=0: DX2=1: RETURN
1080 DY2=1: DX2=1: RETURN
1090 DY2=1: DX2=0: RETURN
1100 DY2=1: DX2=-1: RETURN
1110 DY2=0: DX2=-1: RETURN
1120 DY2=-1: DX2=-1: RETURN
1130 LOCATE G+1,F+1:PRINT " ";:LOCATE X+1
,Y+1:PRINT CHR$(248);:FOR FF=1 TO 20:SOU
ND 1,75,1:NEXT:LOCATE X+1,Y+1:PRINT MID$
(A$,A,1);:K=K+1:LOCATE K+8,1:PRINT " ";
1140 IF K=3 THEN 1190
1150 S=0
1160 GOTO 820
1170 CLS:PRINT"Well done! Defending your
cave was not easy, but you did very w
ell and you can evolve further if you wi
sh to."
1180 GOTO 1200
1190 CLS:PRINT"Bad luck! You failed in y
our attempt to defend your cave."
1200 PEN 2: PRINT:PRINT:PRINT CHR$(24);"
Press the key which corresponds to what
you want to do next. ";CHR$(24);:PEN
1
1210 PEN 3:PRINT:PRINT"1...Start the gor
illa stage.":PEN 1:PRINT:PRINT:PRINT"2..
.Start the caveman stage.":PEN 2:PRINT:P
RINT:PRINT"3...Load the 6th stage.":PEN
1:PRINT:PRINT:PRINT"4...Exit from the pr
ogram."
1220 IF INKEY$<>" " THEN 1220
1230 X$=INKEY$:IF X$="" THEN 1230
1240 IF X$="1" THEN CLS:GOTO 270
1250 IF X$="2" THEN CLS:GOTO 610
1260 IF X$="3" THEN LOAD ""
1270 IF X$="4" THEN STOP

```

```
1280 GOTO 1230
1290 RESTORE 1300:FOR XX=360 TO 366:READ
  AA:POKE XX,AA:NEXT:RESTORE:RETURN
1300 DATA 205,96,187,50,111,1,201
1310 FOR X = 239 TO 247:PRINT X;CHR$(X),
:NEXT
1320 GOTO 1320
1330 INPUT F:F=-F*(F>0)-1*(F<=0):PRINT F
:GOTO 1330
```

```

10 REM EVOLUTION THREE
20 REM PAUL STANLEY
30 MODE 1:BORDER 0:INK 0,0:INK 1,24:INK
2,20:INK 3,6:WINDOW #1,1,40,1,25:PAPER #
1,0:PEN #1,1:CLS #1
40 C$=STRING$(50,32)
50 SYMBOL AFTER 230
60 SYMBOL 231,0,8,28,8,8,62,0,0
70 SYMBOL 232,0,32,36,62,36,32,0,0
80 SYMBOL 233,0,62,8,8,28,8,0,0
90 SYMBOL 234,0,2,18,62,18,2,0,0
100 SYMBOL 235,128,128,128,128,128,128,1
28,255
110 SYMBOL 236,128,128,156,156,128,128,2
55
120 SYMBOL 237,127,127,127,127,127,127,1
27,0
130 SYMBOL 238,240,240,240,240,240,240,2
40,240
140 SYMBOL 239,255,255,255,255,255,255,2
55,255
150 SYMBOL 240,0,0,0,0,255,255,255,255
160 GOSUB 1380
170 DATA "LONDON",8,13,"MOSCOW",5,24,"BO
NN",7,17,"WASHINGTON",8,3,"BRASILIA",17,
4,"TOKYO",9,28,"RIYADH",12,17,"CANBERRA"
,18,29,"PEKING",9,25,"PRETORIA",17,14
180 PEN 2:PRINT CHR$(24);"
V O L U T I O N
N 1
";CHR$(24);:PE

```



```

190 PEN 3:PRINT:PRINT"This is the 3rd an
d the final section inthe series of evol
ution programs.":PEN 1
200 PRINT:PRINT"This one involves a nucl
ear war, where you can play the part of
P.M of any of TEN superpowers which ma
y exist in 2002(the year in which this
war takes place)"
210 PEN 3:PRINT:PRINT"The object is to p
rogram cruise missilesto home in on the
enemies' capitals.":PEN 1
220 PEN 2:PRINT:PRINT"In 2002 the world
is not very different from the previous
20 years, apart from some superpowers e
xisting. South Americahas been over-ru
n by Brazil and itscapital city is Br
asillia.":PEN 1
230 PRINT"Japan has become a powerful na
tion and the Arabs have a fighting nati
on based around Riyadh. Also Australia
and South Africa are superpowers."
240 LOCATE 1,25:PEN 2:PRINT CHR$(24);"
PRESS ANY KEY TO CONTINUE ";
CHR$(24);:PEN 1
250 IF INKEY$("<>") THEN 250
260 IF INKEY$="" THEN 260 ELSE CLS
270 PEN 2:PRINT CHR$(24);" E
V O L U T I O N ";CHR$(24);:PE
N 1
280 PEN 3:PRINT:PRINT:PRINT"The way you
program your missiles is by compass dire
ctions (ie N,S,W and E). The world ma
p is divided into squares, and each ste
p of the program moves the missile one
square.":PEN 1
290 PEN 2:PRINT:PRINT"For example <NNEES
> moves the missile 2 squares up, 2 righ
t and 1 down. If the missile goe
s off the screen at any side it will a
ppear on the opposite side.":PEN 1
300 PRINT:PRINT"THE RED SQUARE IS YOUR T
ARGET."

```

```

310 PEN 3:PRINT:PRINT"You must enter you
r program as quickly as possible.When i
t is ready press [F] to launch a missil
e.":PEN 1
320 LOCATE 1,25:PEN 2:PRINT CHR$(24);"
PRESS ANY KEY TO CONTINUE ";
CHR$(24);:PEN 1
330 IF INKEY$<>" " THEN 330
340 IF INKEY$="" THEN 340 ELSE CLS
350 WINDOW #0,5,36,1,25:PAPER #0,0:PEN #
0,1:CLS #0
360 PEN 2:LOCATE 1,20:PRINT CHR$(20);:LO
CATE 1,20:PRINT "ENTER A SKILL LEVEL (10
-100). 10 IS THE HARDEST:":INPUT SK$
:IF SK$="" THEN 360 ELSE SK=VAL(SK$)
370 IF SK<10 OR SK>100 THEN 360
380 F$=STRING$(10,32)
390 CLS:PEN 3:LOCATE 1,7:RESTORE 170:FOR
F=1 TO 10:READ A$,Y,X:PRINT A$,:NEXT:PE
N 1:LOCATE 1,18:PRINT"IN WHICH CAPITAL D
O YOU WANT TO BE P.M.? (YOU ONLY NEED TO
TYPE THE FIRST 2 CHARACTERS.) "
400 LOCATE 1,21:PRINT CHR$(18);:LOCATE 1
,21:INPUT A$:IF A$="" THEN 400 ELSE A$=U
PPER$(A$)
410 IF LEN (A$)<2 THEN 400
420 RESTORE 170:FOR F=1 TO 10:READ BB$,Y
Y,XX:IF MID$(BB$,1,2)=MID$(A$,1,2) THEN
B$=BB$:Y=YY:X=XX:FX=F
430 NEXT F
440 IF B$="" THEN 400
450 IF MID$(B$,1,2)<>MID$(A$,1,2) THEN G
OTO 400
460 V=Y:U=X:E$=CHR$(231):MID$(F$,FX,1)="
X"
470 RESTORE 170
480 I=INT(RND*10)+1:IF MID$(F$,I,1)<>"X"
THEN FOR F=1 TO I:READ B$,Y2,X2:NEXT F:
GOTO 500
490 GOTO 480
500 CLS:GOSUB 1460
510 PEN 3:LOCATE X2+1,Y2+1:PRINT CHR$(14
3);:PEN 1:LOCATE X+1,Y+1:PRINT CHR$(24);
CHR$(236);CHR$(24);:Y1=Y2:X1=X2:D$=CHR$(
231)

```

```

520 C=1
530 C$=STRING$(50,32):LOCATE 1,23:PEN 3:
PRINT CHR$(24);" ENTER PROGRAM AFTER THE
TONE. ";CHR$(24);:PEN 1
540 FOR F=1 TO 300:NEXT F:LOCATE 1, 22:P
RINT CHR$(18);:SOUND 1,200,50,3,5
550 C1=C
560 REM PATH INPUT
570 O$="":FOR F=1 TO SK:IF O$="" THEN O$
=INKEY$:O$=UPPER$(O$)
580 NEXT F
590 IF O$="N" THEN MID$(C$,C,1)="N":C=C+
1
600 IF O$="S" THEN MID$(C$,C,1)="S":C=C+
1
610 IF O$="W" THEN MID$(C$,C,1)="W":C=C+
1
620 IF O$="E" THEN MID$(C$,C,1)="E":C=C+
1
630 IF O$="F" OR C=51 THEN LOCATE 1,22:P
RINT CHR$(18);:LOCATE 1,22::SOUND 1,160,
40,5,3:GOTO 790
640 IF C1=C THEN GOSUB 690:GOTO 550
650 LOCATE -(C-1)*(C<=32)-(C-32)*(C>=32
),22:PRINT MID$(C$,C-1,1)
660 IF C=32 THEN LOCATE 1,22:PRINT SPACE
$(64)
670 SOUND 1,90,3
680 GOTO 550
690 LOCATE X1+1,Y1+1:PRINT CHR$(22);CHR$
(1);D$;CHR$(22);CHR$(0);:LOCATE X2+1,Y2+
1:PEN 3:PRINT CHR$(143);:PEN 1
700 IF Y1<Y THEN Y1=Y1+1:D$=CHR$(233)
710 IF Y1>Y THEN Y1=Y1-1:D$=CHR$(231)
720 IF X1<X THEN X1=X1+1:D$=CHR$(232)
730 IF X1>X THEN X1=X1-1:D$=CHR$(234)
740 LOCATE X1+1,Y1+1:PRINT CHR$(22);CHR$
(1);D$;CHR$(22);CHR$(0);
750 IF Y1=Y THEN IF X1=X THEN 1020
760 SOUND 1,120,3:SOUND 1,180,3
770 FOR F=1 TO 500:NEXT
780 RETURN
790 C=1
800 LOCATE U+1,V+1:PRINT CHR$(22);CHR$(1
);E$;CHR$(22);CHR$(0);

```

```

810 FOR F=1 TO 3:LOCATE X+1,Y+1:PRINT CH
R$(236);:LOCATE U+1,V+1:PRINT CHR$(22);C
HR$(1);E$;CHR$(22);CHR$(0);
820 V=V-(MID$(C$,C,1)="S")+(MID$(C$,C,1)
="N"):U=U-(MID$(C$,C,1)="E")+(MID$(C$,C,
1)="W")
830 E$="":IF MID$(C$,C,1)="S" THEN E$=E$
+CHR$(233)
840 IF MID$(C$,C,1)="N" THEN E$=E$+CHR$(
231)
850 IF MID$(C$,C,1)="E" THEN E$=E$+CHR$(
232)
860 IF MID$(C$,C,1)="W" THEN E$=E$+CHR$(
234)
870 IF V=-1 THEN V=20
880 IF V=21 THEN V=0
890 IF U=-1 THEN U=31
900 IF U=32 THEN U=0
910 IF V=Y2 THEN IF U=X2 THEN GOTO 123
0
920 LOCATE U+1,V+1:PRINT E$;
930 C=C+1:IF C<51 THEN IF MID$(C$,C,1)<>
"N" AND MID$(C$,C,1)<>"W" AND MID$(C$,C,
1)<>"E" AND MID$(C$,C,1)<>"S" THEN C=1:G
OTO 990
940 IF C=51 THEN GOTO 990
950 FOR IX=10 TO 20:SOUND 1,(IX*3),3:NEX
T
960 NEXT F
970 GOSUB 690
980 GOTO 810
990 LOCATE U+1,V+1:PRINT E$;
1000 C=1:V=Y:U=X
1010 GOTO 530
1020 LOCATE 1,22:PRINT CHR$(20);:LOCATE
1,23:PEN 3:PRINT CHR$(24);" YOU HAVE
BEEN DESTROYED ";CHR$(24);:PEN 1
1030 IF INKEY$<>" " THEN 1030
1040 FOR F=1 TO 20:LOCATE X+1,Y+1:PRINT
CHR$(143);:SOUND 1,(F*4),3:NEXT:LOCATE 1
,24:INPUT"WANT ANOTHER GO? (Y/N)";F$:F$=
UPPER$(F$)
1050 IF LEFT$(F$,1)="N" THEN STOP
1060 LOCATE 1,23:PRINT CHR$(23);

```

```

1070 GOSUB 1460
1080 SC=1
1090 LOCATE 1,23:PRINT CHR$(18);
1100 LOCATE 1,23:PRINT CHR$(18);:LOCATE
1,23:INPUT "ENTER SKILL LEVEL(10-100)";S
K$:IF SK$="" THEN 1100
1110 SK=VAL(SK$)
1120 IF SK<10 OR SK>100 THEN 1100
1130 REM
1140 LOCATE 1,23:PRINT CHR$(18);:LOCATE
1,23:INPUT "WANT TO SEE THE NAMES ";F$
:F$=UPPER$(F$):IF LEFT$(F$,1)="N" THEN G
OTO 1160
1150 RESTORE 170:LOCATE 1,23:PRINT CHR$(
18);:FOR F=1 TO 10:SOUND 1,(F*12),3:READ
F$,Y,X:LOCATE 1,23:PRINT F$;" ";
:FOR YZ=1 TO 300:NEXT YZ,F
1160 F$=STRING$(10,32)
1170 LOCATE 1,23:PRINT CHR$(18);:LOCATE
1,23:INPUT "WHICH CAPITAL";A$:IF LEN (A$
)<2 THEN 1170 ELSE A$=UPPER$(A$)
1180 RESTORE 170:FOR F=1 TO 10:READ B$,Y
,X:IF MID$(B$,1,2)<> MID$(A$,1,2) THEN N
EXT F:GOTO 1170
1190 MID$(F$,F,1)="X"
1200 C=1:C$="":V=Y:U=X
1210 I=INT(RND*10)+1:IF MID$(F$,I,1)<>"X
" THEN RESTORE 170:FOR F=1 TO I:READ B$,
Y2,X2:NEXT:MID$(F$,I,1)="X":GOTO 510
1220 GOTO 1210
1230 SC=SC+1:MID$(F$,I,1)="X":LOCATE 1,2
3:PRINT CHR$(18);:LOCATE 1,23:PEN 2:PRIN
T B$;" HAS BEEN DESTROYED":PEN 1:FOR F=1
TO 4:FOR S=7 TO 0 STEP -1:LOCATE X2+1,Y
2+1:PRINT CHR$(143);:SOUND 1,(S*10+F*2),
3:NEXT S,F
1240 LOCATE 1,23:PRINT CHR$(18);:IF F$="
XXXXXXXXXX" THEN 1310
1250 GOSUB 1480
1260 I=INT(RND*10)+1:IF MID$(F$,I,1)="X"
THEN 1260
1270 ' LOCATE X1+1,Y1+1:PRINT D$;
1280 C=1:C$="":V=Y:U=X:RESTORE 170:FOR F
=1 TO I:READ B$,Y2,X2:NEXT:LOCATE X2+1,Y
2+1:PEN 3 :PRINT CHR$(143);:Y1=Y2:X1=X2

```

```

1290 LOCATE 32,22:PRINT " ";
1300 GOTO 530
1310 LOCATE X2+1,Y2+1:PRINT CHR$(235);:L
OCATE 1,22:PRINT SPACE$(32);
1320 PEN 3:LOCATE 1,10:PRINT CHR$(24);"
      CONGRATULATIONS                               ";CHR$(24
);:PEN 1:PRINT CHR$(24);" YOU NOW RULE
THE WHOLE WORLD. ";CHR$(24);
1330 FOR F=1 TO 3:FOR G=12 TO 20 STEP 2:
SOUND 1,(F*2+G*3),3:NEXT G,F
1340 LOCATE 1,23:PEN 2:PRINT CHR$(24);"
      PRESS ANY KEY TO TRY AGAIN    ";CHR$(24
);:PEN 1
1350 IF INKEY$("<>"" THEN 1350
1360 IF INKEY$="" THEN 1360 ELSE GOSUB 1
460:LOCATE 1,22:PRINT SPACE$(64);:GOTO 1
100
1370 STOP
1380 REM MAP
1390 CLS:PEN 1:LOCATE 12,11:PRINT CHR$(2
4);"10 SECONDS TO GO";CHR$(24)
1400 XN=1
1410 A$="EEEEEEGGGGGEEEEEEEEEGGGEGEEEEEE
EEEEEEGGGGGEEEEEEEEEGGGGGGGGGGGEEEEEEEEEE
GGGEEEEEGGGGGGGGGGGGGGGGGGGEGGEEEEEGEEEEEG
GGGGGGGGGGGGGGGGGGGGGGGGEGGEEEEEEEEEGGGGGGG
GGGGGGEEEEGGGGGEEEEEEEEEEEEEGGGGGGGGGGGGGGEE
E":GOSUB 1500
1420 A$="GGGGGGEEEEEEEEEGGGGGGGGGGGGGGGGGEE
EGGGGGGGEEEEEEHIEGGGGGGGGGGGGGGGGGGEGGGGEEE
EEEEEEGEGGGGGGGGGGGGGGGGGEEEEEGGGEEEEEEEEEEEG
GGGGGGGGGGGGGGGGEGEEEEGGGEEEEEEEEEGGGGGGGGGGG
GGGGEGEEEEGEGEEEEEEEEEEEEEGGEGGGGGGGGGEEEEEEEE
EGEEEEEEEEEEEEJJJEGGEEGGEEGEEEGEEEGG":GOS
UB 1500
1430 A$="EEEEEEEEEGGGGGEGEEEEGEEEEEGEGEE"
:GOSUB 1500
1440 A$="EGGGGEEEEEGGGGGGGEEEEEEEEEEEEEEEE
EEEGGGGEEEEEGGGGGGGEEEEEEEEEEEEEGEEEEEGGGGGG
EEEEEEGGGGGEEEEEEEEGGGGGGEEEEEGGGGEEEEEEEEEG
GEGEEEEEGGGGGGGGGEEEEGGEEEEEEEEEGGGEEEEEEEE
EGGGGGGGEEEEEGGEEEEEEEEEGEEEEEEEEEGEEEEGG
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE":GOSUB
1500

```

```
1450 SOUND 1,100,5:CLS:RETURN
1460 PEN 2:LOCATE 1,1:FOR XN=1 TO 4:PRINT A$(XN);:NEXT:PEN 1
1470 PLOT 574,64,2:DRAWR 0,334,2:DRAWR W
*2-508,0,2
1480 RESTORE 170:FOR F=1 TO 10:READ A$,B
,A:LOCATE A+1,B+1:PRINT CHR$(236);:NEXT:
RETURN
1490 END
1500 FOR XM=1 TO LEN(A$):IF MID$(A$,XM,1)
)=" " THEN A$(XN)=A$(XN)+ " "ELSE A$(XN)
=A$(XN)+CHR$(166+ASC(MID$(A$,XM,1)))
1510 NEXT:XN=XN+1:RETURN
```