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30 REM (c) Amstrad magazine
40 REM -----CPC-----
50 DEFINT a-s:SYMBOL AFTER 256
60 MEMORY &9FF:SYMBOL AFTER 250
70 SYMBOL 251,0,60,126,126,126,126,60:SY
MBOL 252,0,0,24,60,60,24
80 ENV 1,100,10,3:ENT 1,100,-5,1
90 ENV 2,100,2,5:ENT -2,50,5,20
100 ENT 3,50,-2,2:ENT -4,50,-1,1:ENV 3,1
0,1,1
110 ENV 5,50,5,3:ENT 6,50,13,4
120 FOR f=1 TO 12:READ i,i:INK 1,i:NEXT
130 DATA 0,0,1,24,2,20,3,6,4,26,5,0,6,2,
7,8,8,3,9,12,10,14,11,18
140 INK 12,15,26:INK 13,26,15:INK 14,0,2
6:INK 15,26,0
150 IF PEEK(&160)<255 THEN GOSUB 2200
160 REM ***** inicializacao *****
170 GOTO 2000
180 BORDER 0:MODE 0:sn=1:sc=0:li=5
190 ON sn GOSUB 540,640,1120,1400,1690
200 CALL &a000:ar=&9210
210 CALL &a093,po
220 FOR f=0 TO 2:POKE &9301+f,3:NEXT
230 PEN 1:LOCATE 1,4:PRINT STRING$(20,CH
R$(238)):LOCATE 1,25:PRINT STRING$(20,CH
R$(238)):LOCATE 1,1:PRINT CHR$(11)
240 FOR f=4 TO 24:LOCATE 1,f:PRINT CHR$(
238):LOCATE 20,f:PRINT CHR$(238):NEXT
250 LOCATE 2,1:PEN 2:PRINT"MAX":PRINT" S
C":PEN 11:LOCATE 11,1:PRINT"QUADRO":LOCA
TE 11,2:PRINT"VIDEOS"
260 eh=0
270 PEN 6:LOCATE 4,1:PRINT h:LOCATE 4,2:
PRINT sc:PEN 7:LOCATE 17,1:PRINT sn:LOCA
TE 17,2:PRINT li
280 POKE ar,0
290 REM ***** comeco *****
300 PEN 11:FOR f=0 TO a-1:LOCATE PEEK(&9
300+f)+1,PEEK(&9306+f)+1:PRINT CHR$(231)
:NEXT
310 PEN 3:LOCATE PEEK(&9250)+1,PEEK(&925
1)+1:PRINT CHR$(231)
320 POKE &9215,0
330 FOR f=300 TO 40 STEP -20:SOUND 2,f,1
0,0,1,1:NEXT:FOR f=1 TO 150:NEXT
340 li=606:PIOT 0,400,0
350 IF INKEY(69)=0 OR JOY(0)=1 THEN CALL
&a00A:GOTO 420
360 IF INKEY(30)=0 OR JOY(0)=8 THEN CALL
&a14A:GOTO 420
370 IF INKEY(71)=0 OR JOY(0)=2 THEN CALL

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&a1AE:GOTO 420
380 IF INKEY(46)=0 OR JOY(0)=4 THEN CALL
&a21B:GOTO 420
390 FOR f=1 TO dy:NEXT
400 FOR f=0 TO a-1:POKE &9212,INT(RND*16
):POKE &9214,f:CALL &a29F:IF PEEK(&9210)
=3 THEN 430 ELSE NEXT
420 GOSUB 490:GOTO 390
430 REM ***** kirar vida *****
440 a=PEEK(&9250)+1:b=PEEK(&9251)+1:SOUN
D 2,100,100,0,2,2:LOCATE a,b:PRINT" "
450 FOR f=0 TO a-1:LOCATE PEEK(&9300+f)+
1,PEEK(&9306+f)+1:PRINT" ":NEXT
460 li=li-1:IF li=0 THEN 2180
470 ON sn GOSUB 760,1060,1540,1620,1900
480 POKE &9210,0:GOTO 270
490 REM ***** verificar flag *****
500 ON PEEK(&9210) GOTO 510,530,430:RETR
RN
510 SOUND 2,400,10,0,1:eh=eh+1:IF eh=60
THEN 2150
520 sc=sc+1:PEN 6:LOCATE 4,2:PRINT sc:PO
KE &9210,0:RETURN
530 SOUND 1,150,30,0,1,1:sc=sc+5:PEN 6:L
OCATE 4,2:PRINT sc:POKE ar,0:RETURN
540 REM ***** quadros *****
550 RESTORE 560:GOSUB 1960
560 DATA 03333333333333333333
570 DATA 03333333333333333333
580 DATA 03113331111333333333
590 DATA 03133333333333333333
600 DATA 03133111133333333311
610 DATA 03333333333333333333
620 DATA 03333333333331133333
630 DATA 01133133333333333333
640 DATA 03133313311333344333
650 DATA 03123313333333333333
660 DATA 0311333333333333111133
670 DATA 03333333333333333333
680 DATA 03331111333333333333
690 DATA 03333333333333333333
700 DATA 03333333333311113313
710 DATA 01113333333333333333
720 DATA 01233333333333333333
730 DATA 01333133333311111133
740 DATA 03333133333333333333
750 DATA 03331133333333333333
760 FOR f=0 TO 2:POKE &9300+f,1:NEXT
770 FOR f=4 TO a:POKE &9306+f-f,1:NEXT
780 RESTORE 790:FOR f=0 TO 5:READ a:POKE
&9306+f,a:NEXT
790 DATA 615,690,629,690,636,690

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800 po=&9191
810 POKE &9250,1:POKE &9251,23
820 CALL &A093,po
830 no=261:m=3:RETURN
840 REM ##### quadro 2 #####
850 RESTORE 860:GOSUB 1960
860 DATA 333333333333333344
870 DATA 233333313333333334
880 DATA 11113331133331333
890 DATA 333333333333321333
900 DATA 33333333333111333
910 DATA 344433343333333333
920 DATA 3333113333333111
930 DATA 33333333333333333
940 DATA 333333333331333333
950 DATA 313300000000003333
960 DATA 313333331111333133
970 DATA 31333333333333213
980 DATA 33344433333333313
990 DATA 33344233111133313
1000 DATA 33333333333333333
1010 DATA 33333331111133313
1020 DATA 33123333123333133
1030 DATA 31113333333333133
1040 DATA 32133333333311133
1050 DATA 33333334433333333
1060 FOR f=12 TO 15:POKE &9300+f-12,f:NE
XT
1070 FOR f=30 TO 2:POKE &9306+f,13:NEXT
1080 RESTORE 1090:FOR f=0 TO 5:READ a:PO
KE &93A6+f,a:NEXT
1090 :DATA &d4,&90,&d5,&90,&d6,&90
1100 POKE &9250,5:POKE &9251,13
1110 po=&9250:CALL &A093,po:no=270:m=3:R
ETURN
1120 REM ##### quadro 3 #####
1130 RESTORE 1420:GOSUB 1960
1140 DATA 233333313333333313
1150 DATA 31113331311113313
1160 DATA 31333331333333213
1170 DATA 31331113311111133
1180 DATA 33313333333333333
1190 DATA 32333331113331111
1200 DATA 33314313333313333
1210 DATA 313333333133133313
1220 DATA 31333311133113113
1230 DATA 31113333333333333
1240 DATA 000000000000013443
1250 DATA 31331133333133333
1260 DATA 31333333113333311
1270 DATA 31133333333331332
1280 DATA 33334233111133333
1290 DATA 33333333333131113
1300 DATA 11333311333133333
1310 DATA 33333312333313333
1320 DATA 31113331313313313
1330 DATA 33333313333333333
1340 FOR f=0 TO 2:POKE &9300+f,f+1:NEXT
1350 FOR f=0 TO 2:POKE &9306+f,14:NEXT
1360 RESTORE 1370:FOR f=0 TO 5:READ a:PO
KE &93A6+f,a:NEXT
1370 DATA &e7,&90,&e8,&90,&e9,&90
1380 po=&90DD:POKE &9250,1:POKE &9251,14
:CALL &A093,po
1390 no=228:m=3:RETURN
1400 REM ##### quadro 4 #####
1410 RESTORE 1420:GOSUB 1960
1420 DATA 33333333333443333
1430 DATA 31111311334332133
1440 DATA 33333333333433113
1450 DATA 34333311133333333
1460 DATA 34334333333333313
1470 DATA 33321333331111113
1480 DATA 31113311333333213
1490 DATA 33333333333333333
1500 DATA 11313311111131313
1510 DATA 333333333333131433
1520 DATA 311133134443134443
1530 DATA 33313313333334233
1540 DATA 31313311111334333
1550 DATA 31333333333334333
1560 DATA 31111333433333313
1570 DATA 33333332433311133
1580 DATA 31344444333133313
1590 DATA 31333333333333243
1600 DATA 31311133333111113
1610 DATA 000000000000033333
1620 FOR f=0 TO 3:POKE &9300+f,f+9:NEXT
1630 FOR f=0 TO 5:POKE &9306+f,23:NEXT
1640 RESTORE 1650:FOR f=0 TO 7:READ a:PO
KE &93A6+f,a:NEXT
1650 DATA &99,&91,&9a,&91,&9b,&91,&9c,&9
1
1660 po=&9191:POKE &9250,1:POKE &9251,23
1670 CALL &A093,po:no=227:m=4:RETURN
1680 REM ##### quadro 5 #####
1690 RESTORE 1700:GOSUB 1960
1700 DATA 03333333333331233
1710 DATA 03111333433333333
1720 DATA 03123333331333133
1730 DATA 03333333331333333
1740 DATA 03144231113333333
1750 DATA 03133333433333334
1760 DATA 03133333333333444
1770 DATA 031331333333333334
1780 DATA 0333331333311133334
1790 DATA 033313333333133333
1800 DATA 03111113332123331
1810 DATA 03333333331111133
1820 DATA 03333333333334443
1830 DATA 03133443333334333
1840 DATA 01113333111134233
1850 DATA 032433331333333313
1860 DATA 03313333133333313
1870 DATA 033113311333333543
1880 DATA 03333333333111113
1890 DATA 03333333333333333
1890 DATA 03333333333333333
1900 FOR f=0 TO 3:POKE &9300+f,f+1:NEXT
1910 FOR f=0 TO 5:POKE &9306+f,f+4:NEXT
1920 RESTORE 1930:FOR f=0 TO 7:READ a:PO
KE &93A6+f,a:NEXT
1930 DATA &15,&90,&16,&90,&17,&90,&18,&90
1940 po=&90C9:POKE &9250,1:POKE &9251,13
:CALL &A093,po
1950 no=244:m=4:RETURN
1960 FOR f=&9000 TO &9013:POKE f,1:POKE
f+420,1:NEXT
1970 FOR f=&9014 TO &90A4 STEP 20:POKE f
,1:POKE f+19,1:NEXT
1980 d=&9015:FOR f=1 TO 20:READ a#
1990 FOR g=1 TO 18:POKE d,VAL(HID$(a#,g
,1)):d=d+1:NEXT:d=d+2:NEXT:RETURN
2000 REM ##### titulo #####
2010 MODE 0:PEN 1:LOCATE 7,1:PRINT "TFC
LAS":LOCATE 8,13:PEN 2:PRINT"A.....CTRA
"
2020 LOCATE 6,15:PRINT"Z.....BAIXO":LOCA
TE 6,17:PRINT"m.....DREITA"
2030 LOCATE 6,19:PRINT"N.....ESQUERDA":L
OCATE 6,22:PRINT"OU JOYSTICK"
2040 PEN 7:LOCATE 4,3:PRINT"HUNGRY SHAFPE
ERS"
2050 LOCATE 2,25:PRINT"canregue em espac
o"
2060 IF INKEY(47)<>0 THEN 2060
2070 WHILE INKEY#<>0:WEND
2080 MODE 1:PEN 1:LOCATE 7,1:PRINT "Esco
lha a velocidade (-5)"
2090 LOCATE 12,14:PRINT"Rápido a devagar
"
2100 LOCATE 19,16:INPUT dy:IF dy<1 OR dy
>5 THEN <dig>
2110 dy:=(dy-1)<2>:CLS:LOCATE 5,1:PRINT "
Escolha o B.I. dos insectos (1-5)"
2120 LOCATE 11,14:PRINT"Inteligente a to
sco"
2130 LOCATE 19,16:PEN 1:INPUT iq:IF iq<1
OR iq>5 THEN 2110
2140 iq:=q<20-18:GOTO 180
2150 REM *** complemento do ecran ***
2160 sn=sn+1:IF sn=6 THEN 2220
2170 li:=li+3:GOTO 190
2180 LOCATE 17,2:PRINT 1:PEN 14:LOCATE
6,12
2190 PRINT" FIM ":FOR f=1 TO 5000:NE
XT
2200 IF sc=h THEN h=sc
2210 GOTO 2000
2220 REM *** complemento do jogo ***
2230 MODE 1:PEN 1:LOCATE 15,10:PRINT" E
XCELENTE !"
2240 PEN 2:LOCATE 4,15:PRINT"Voce conseq
uiu acabar o jogo !!"
2250 FOR f=1 TO 200 STEP 10: SOUND 1, (200
-f)*4,1/5,INT (200-f/15),3,3: SOUND 1, (20
0-f)*2,15,INT (200-f/15),5,4
2260 NEXT
2270 FOR f=0 TO 5261:INK 0,INT (RND*27):BO
RDER INT(RND*27):NEXT f:FOR i=1 TO 5000:IN
TX:INK 0,0:LOCATE 17,17:GOTO 2190
2280 REM ##### codigo de maquina #####
2290 RESTORE 2420:MODE 2:PEN 1:PRINT "Po
king codigo de maquina .....
2300 ln=2420:a1=&9400:a2=&95F7:GOSUB 2340
0
2310 a1=&A000:a2=&A55B:GOSUB 2340
2320 POKE &160,255:RESTORE:RETURN
2330 REM loader
2340 FOR adr=a1 TO a2 STEP 13
2350 READ byte:chk=0
2360 FOR i=0 TO 12
2370 v=VAL ("&"HID0 (byte&i,&2+1,2))
2380 POKE adr+i,v:chk=chk+v
2390 NEXT
2400 IF chk<>VAL ("&"HID0 (byte&f,3)) TH
EN PRINT"ERRR na LIDR":ln=910P
2410 ln=ln+10:NEXT:RETURN
2420 DATA 5A854c3bfc8e9548fc48f6c82e
2430 DATA fcd400fc2e7c8204fc4cfc4c8B04
2440 DATA fcd35400fc4843030303438354c
2450 DATA 43B3c3e10532d283a142c3c3c3741
2460 DATA 4352d203c3c30303038303c300492
2470 DATA fcf0054f333348b951a276b9a6d6f
2480 DATA 5976b5a597f5b951a276543333cd9
2490 DATA a800fcfc0080458a40400f4f8050d
2500 DATA 05a7c80a8f9d4e4f8f9d4e4f80557
2510 DATA c4c80a400f0f8080458a400000403
2520 DATA 000b0e007f0044cc8B00c9c3984f9
2530 DATA 00c9c9c8Bc9c3980044cc8B006c2
2540 DATA bf007f0000404000a0a6420aa63c8
2550 DATA dccc2a44cc3c60044c66e6004c6679
2560 DATA c6006cc3c62aa0cc8Baa0000058f
2570 DATA 00530040cc0cc0010c9c3984f4
2580 DATA cc9c98010c9c39800cccc005371f
2590 DATA 2a15aaac4c8aa0a6c3c2a44c6b9
2600 DATA c60044cc6c0044cc3c6006edccc639
2610 DATA 2aa6420aa0404000015aa555a2a7
2620 DATA 0080400000cdcd00eacdcdcd52a5d
2630 DATA Be4d15008e4d0040cfcf480bf453d
2640 DATA Ba7faa15aa00ba00801545cfc5353
2650 DATA d5f40cfc00f0cfcf00a7cfcnd5744
2660 DATA 6a008015aa15aa007f458abf404b5
2670 DATA cfcf8000e4d00aBe4d556acd60a
2680 DATA ce9500cd0000004000552a15452
2690 DATA aa0015aa152a1000d5eacd8fa5cd
2700 DATA 00cfcfcfc00cfcfcfcfcfcfcfc2a68e
2710 DATA 000950095015aa155c3137302c30309
2720 DATA 3e0030093e1532a6923c64329a
2730 DATA 01923e01320293da0a921109020f
2740 DATA 197fe00ca33a0f001ca3a0a0f44
2750 DATA 02ca61a0f003ca7a0c3da02a699

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2760 DATA 0692232206923a02923c320292345
2770 DATA fe13c214a0206922323220692449
2780 DATA 3a01923c3201924fe18c8c30fa051e
2790 DATA 110094c370a0114094c370a011541
2800 DATA 2094c370a01160943a02927673a44b
2810 DATA 01726fcd1abc06010000c5e51a189
2820 DATA 77231310fae1010000809c10d20398
2830 DATA efc333a0dd7e906f8dfe016722634
2840 DATA 0692c9f100003a50924f3a17923c0
2850 DATA 814f210093197eb9cabc0137b588
2860 DATA fe05c2aba0c93a51924f3a1872629
2870 DATA 814f210693197eb9c3a44a13a50513
2880 DATA 924f3a1792014fc3b4a03e003251b
2890 DATA 17923eff321892cd9fa03a10925aa
2900 DATA fe03c8a72a0a629211400ed527e514
2910 DATA fe01c8fe002a2621fe003ca39a1705
2920 DATA fe04ca44a13e0032109222069247d
2930 DATA 3a51926f3d2c3251933a50976748d
2940 DATA 24cd75bb3e20cd5dbb11a094cd676
2950 DATA 7da2c93a00773e02321092c30a482
2960 DATA a13e00773e01321092c30aa13e439
2970 DATA 03321092c3e0013217923c03a32a
2980 DATA 1892cd9fa03a10924fe03c82a0658b
2990 DATA 92237ef0e01c8fe002ca90a1fe036fe
3000 DATA caa3a1fe09ca44a13e003210925d1
3010 DATA 2994923a517306f3a509923c3240c
3020 DATA 509267cd475bb3e20cd5dbb11d061a
3030 DATA 73ed7dabc73e0077300c321092512
3040 DATA c379a13e00773e01321092c3294e1
3050 DATA a13e003217925e01321092cd9fa11
3060 DATA a03a10924fe03c82a0658b731140042c
3070 DATA a7cd5fa7ef001c8fe002ca90a2f67f
3080 DATA 03c80da2fe09ca44a13e0032104ad
3090 DATA 3230a022a517306f3a509923c3240c
3100 DATA 924f3a1792014fc3b4a03e003251b
3110 DATA 11e094cd7da2c93a00773e0232561
3120 DATA 1092c3e0a13e00773e013210924fb0
3130 DATA c3e2a13e0143217923c00321692578
3140 DATA cd9fa03a10924fe03c82a0672659e
3150 DATA 7cfe01c8fe002ca90a2f67f6923295
3160 DATA 42fe04ca44a13e00321092320a48b
3170 DATA 823a51926f3a509267244232460
3180 DATA 5092673bb3e20cd5dbb11e094cd7
3190 DATA cd7da2c93a00773e02321092c3041
3200 DATA 47a23e00773e01321092c3a7a048
3210 DATA 3a50926724423210924fe01abc06044bc
3220 DATA 0694c3e014c2106f30e101000033
3230 DATA 0009f10ac2f8c0c0c0c0c0c0c0c0c0c
3240 DATA a1923c0a001a0000c0c0c0c0c0c0c0c
3250 DATA a2fe0cd0a0c0c0c0c0c0c0c0c0c0c
3260 DATA 010000c0c0c0c0c0c0c0c0c0c0c0c0c

3270 DATA 47210093197eb8ca44a121ecff605
3280 DATA 221792cd01a2c36a33a1292fe6c3
3290 DATA 01c21fa33a509247210093197e403
3300 DATA b8ca1fa3da10a3cd8da42b7efe776
3310 DATA 00c21fa33e04ed5b149221a193509
3320 DATA 1977e1c9cd8da4237efe00c21f6b8
3330 DATA ad3e02c305a5ed5b1492cd8da463a
3340 DATA a05b1772197efe00c8210093ed5ef
3350 DATA 5b1492193a5092477eb8da57a3587
3360 DATA cd8da42b7efe00c0a03a33a17925fb
3370 DATA fe14cafa3c3e03c305a3cd8da4725
3380 DATA 237efe00c24a3a3e02c305a3ed5e6
3390 DATA 5b1492cd8da411400ed52cd9b5cb
3400 DATA a4ed5b1492210693197e470435463
3410 DATA 210093197eb672468e5cd75bb3e55e
3420 DATA 20cd5dbb0e1252d2d10095c385533
3430 DATA a23a519247210693197eb8c2b7588
3440 DATA a33a509247210093197e3cb8ca50f
3450 DATA 44a1210100221792cd3a3c5d525
3460 DATA a43a12924fe01c201a43a51924754c
3470 DATA 210693197eb8ca01a4d2eda3cd6a7
3480 DATA Bda4111400197efe00c201a43e490
3490 DATA 03c305a3cd8da4111400a7ed52577
3500 DATA 7efe00c201a13e01c305a3ed5b5d5
3510 DATA 1492cd8da4ed5b1792197efe0062a
3520 DATA c8210693ed5b1492193a5192474ed
3530 DATA 7eb8da43a4cd8da4111400a7edeae
3540 DATA 527efe00c0ca3ca43a1792fe01ca626
3550 DATA 03a33e02c305a3e01c305a3cd4c8
3560 DATA Bda4111400197efe00ca43a33a4dc
3570 DATA 1792fe01c21aa33e04c305a3ed5e1
3580 DATA 5b1492cd8da423cd7ba4cd5b1460a
3590 DATA 92210093197e470432d1069319324
3600 DATA 7e6f12c0b8ed73bb3e20cd5dbb69e
3610 DATA e12d112095c385a221a5937b07619
3620 DATA 3c5d197a623a6069c98d4421a5454
3630 DATA 93e5fa19227b873c511971227053b
3640 DATA c95a0127a7210693197e3cb8ca534
3650 DATA c9a43a509247210093197eb8ca59c
3660 DATA 44a121100921792cd0a2ed5b57d
3670 DATA 1492cd8da411140019cd7ba4ed5b
3680 DATA 5b1492106f315fe4704321002f2
3690 DATA 93197e472468e5cd75bb3e20cd62a
3700 DATA 5dbb02211400c3a5433a519260b
3710 DATA 87210693197eb8ca1a53a5092442
3720 DATA 47210093197e4dbb0c0c0c0c0c0c
3730 DATA fe123f113b3a7e11126a0c0d735
3740 DATA a192cd9ba4cd8da411400c3a57c0c
3750 DATA 7e6f3053c0c0c0c0c0c0c0c0c0c0c
3760 DATA c0c0c0c0c0c0c0c0c0c0c0c0c0c0c
3770 DATA c0c0c0c0c0c0c0c0c0c0c0c0c0c0c