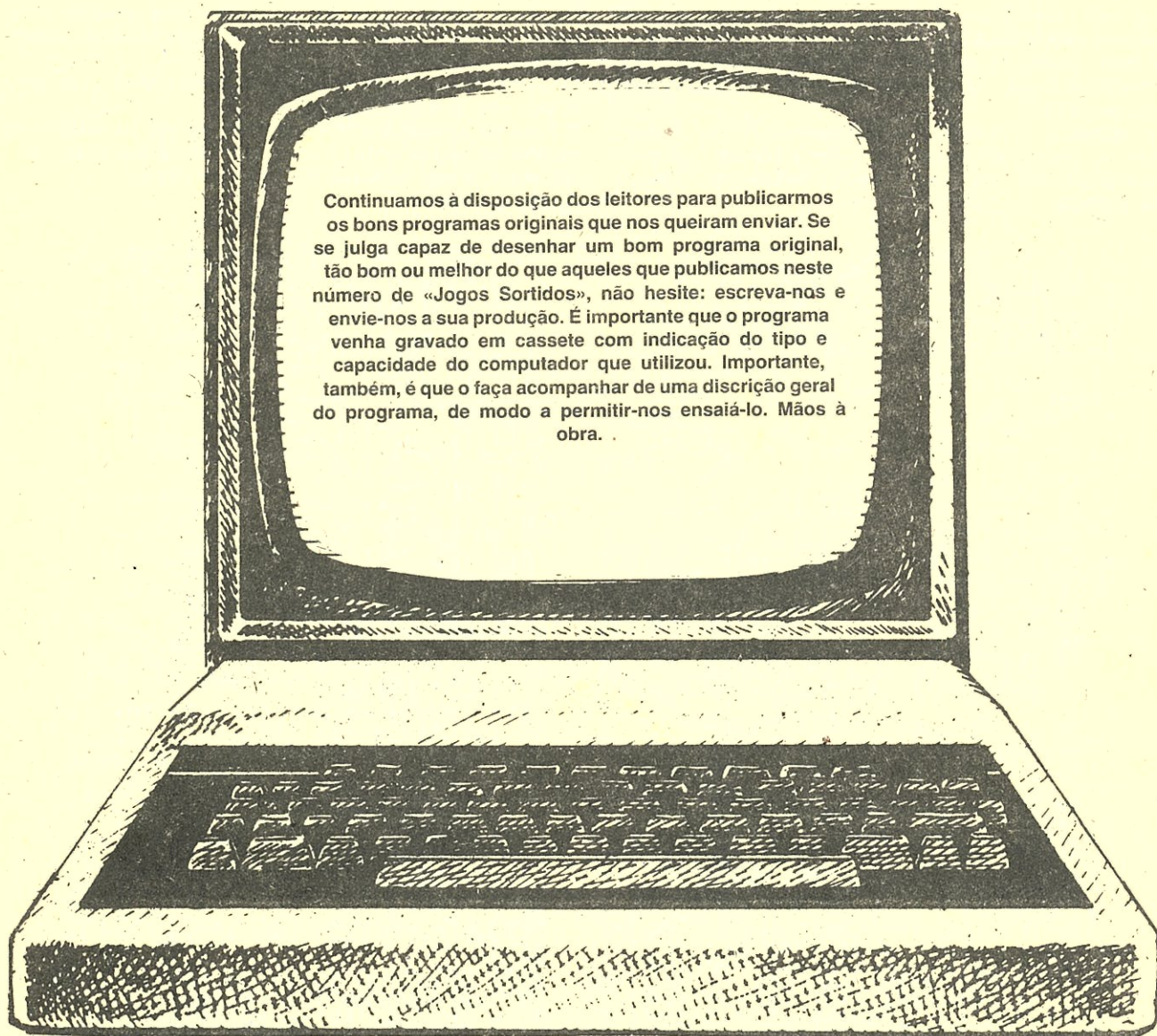


JOGOS PARA O SEU MICROCOMPUTADOR

AGORA
16
PÁGINAS



ENVIE-NOS OS SEUS PROGRAMAS ORIGINAIS E GANHE PRÊMIOS

Colabore connosco, enviando-nos o *seu programa original*, do seguinte modo:

1. Nome, morada, idade e n.º de telefone.
2. O programa de preferência em cassette, indicando o tipo e a capacidade do computador.
3. Uma descrição geral do jogo com as instruções necessárias.
4. Uma explicação detalhada da função das várias partes do programa.

Para: **JOGOS SORTIDOS** - Rua Duque de Palmela, 37, 2.º-Dto. - 1200 LISBOA

DOMINÓ

Desta vez, temos um autêntico jogo de dominó para consumir uma boa parte dos seus tempos livres. Dado que não podemos enviar-lhe as pedras do dominó, oferecemos-lhe a reprodução delas no écran do seu Spectrum 48 K.

Para começar teremos apenas que introduzir alguns dados: o número de jogadores e das partidas que queremos jogar. Os resultados serão dados no final de cada partida.

Se, num dado momento, ficarmos sem pedras para jogar, bastará introduzir o 0 e, do monte, virão todas as que precisarmos.

Se já não houver mais pedras no monte, terá que ceder a sua vez a outro jogador.

É fácil de comprovar que se trata de um dominó com «todos os ingredientes»; mas tem ainda todas as vantagens e a comodidade do seu Spectrum.

Alerta, campeões!

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3 GO TO 5000
12 DATA 0,0,18,0,36,0,54,0,72,
0,90,0,108,0,117,-9,108,-27,90,-
27,72,-27,54,-27,36,-27,18,-27,0,
-27,-18,-27,-36,-27,-54,-27,-72,
-27,-90,-27,-108,-27,-108,-9,-1
08,0,-90,0,-72,0,-54,0,-36,0,-18
,0
14 DIM a(28,2): FOR n=1 TO 28:
READ a(n,1): READ a(n,2): NEXT
n: RETURN
22 FOR z=1 TO 9: PLOT 16*n-7-z
,173: DRAW 0,-18: NEXT z: RETURN

32 PLOT 16*n-7,yy
33 DRAW 0,-9: DRAW -9,0: DRAW
0,18: DRAW 9,0: DRAW 0,-9: DRAW
-8,0: RETURN
42 PLOT x+a(n,1),y+a(n,2): DRA
W 9,0: DRAW 0,9: DRAW -18,0: DRA
W 0,-9: DRAW 9,0: DRAW 0,8: RETU
RN
50 RETURN
55 PLOT r-4,s+4: GO SUB 85: RE
TURN
60 PLOT r-6,s+2: GO SUB 85: PL
OT r-2,s+6: GO SUB 85: RETURN
65 GO SUB 55: GO SUB 60: RETUR
N
70 GO SUB 60: PLOT r-2,s+2: GO
SUB 85: PLOT r-6,s+6: GO SUB 85
: RETURN
75 GO SUB 70: GO SUB 55: RETUR
N
80 FOR z=-1 TO -7 STEP -3: PLO
T r+z,s+2: GO SUB 85: PLOT r+z,s
+6: GO SUB 85: NEXT z: RETURN
81 FOR z=1 TO 7 STEP 3: PLOT r
-2,s+z: GO SUB 85: PLOT r-6,s+z:
GO SUB 85: NEXT z: RETURN
85 DRAW -1,0: DRAW 0,1: DRAW 1
,0: RETURN
350 FOR n=1 TO (LEN s$*2+1): FO
R m=1 TO (LEN s$-3) STEP 2:
352 IF s$(m)+s$(m+1)>s$(m+2)+s$
(m+3) THEN GO TO 360
354 IF s$(m)+s$(m+1)<s$(m+2)+s$
(m+3) AND m=1 THEN LET s$=s$(m+2
TO m+3)+s$(m TO m+1)+s$(m+4 TO
): GO TO 360
356 IF s$(m)+s$(m+1)<s$(m+2)+s$
(m+3) AND m=LEN s$-3 THEN LET s$
=s$( TO m-1)+s$(m+2 TO m+3)+s$(m
TO m+1): GO TO 360
358 IF s$(m)+s$(m+1)<s$(m+2)+s$
(m+3) THEN LET s$=s$( TO m-1)+s$
(m+2 TO m+3)+s$(m TO m+1)+s$(m+4
TO )
360 NEXT m: NEXT n
364 RETURN
401 IF ff=1 THEN LET j$=j$(3 TO
): RETURN
402 IF ff=(LEN j$)/2 THEN LET j
$=j$( TO ff*2-2): RETURN
403 LET j$=j$( TO ff*2-2)+j$(ff
*2+1 TO ): RETURN
411 IF m=1 THEN LET s$=s$(3 TO
): RETURN
412 IF m=(LEN s$)/2 THEN LET s$
=s$( TO m*2-2): RETURN
414 LET s$=s$( TO m*2-2)+s$(m*2
+1 TO ): RETURN
500 IF dcha=8 OR dcha=22 THEN P
LOT x+a(dcha,1),y-9: GO SUB 33:
GO TO 510
505 LET n=dcha: GO SUB 42
510 LET r=x+a(dcha,1): LET s=y+
a(dcha,2)

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515 IF dcha<8 OR dcha>22 THEN G
O SUB 50+5*der: LET r=r+9: GO SU
B 50+5*izq: LET vd=izq: RETURN
520 IF dcha=8 THEN GO SUB 50+5*
der+(1 AND der=6): LET s=s-9: GO
SUB 50+5*izq+(1 AND izq=6): LET
vd=izq: RETURN
525 IF dcha>8 AND dcha<22 THEN
GO SUB 50+5*izq: LET r=r+9: GO S
UB 50+5*der: LET vd=izq: RETURN
530 IF dcha=22 THEN GO SUB 50+5
*izq+(1 AND izq=6): LET s=s-9: G
O SUB 50+5*der+(1 AND der=6): LE
T vd=izq: RETURN
535 RETURN
550 IF izda=8 OR izda=22 THEN P
LOT x+a(izda,1),y-9: GO SUB 33:
GO TO 560
555 LET n=izda: GO SUB 42
560 LET r=x+a(izda,1): LET s=y+
a(izda,2)
565 IF izda<8 OR izda>22 THEN G
O SUB 50+5*der: LET r=r+9: GO SU
B 50+5*izq: LET vi=der: RETURN
570 IF izda=8 THEN GO SUB 50+5*
der+(1 AND der=6): LET s=s-9: GO
SUB 50+5*izq+(1 AND izq=6): LET
vi=der: RETURN
575 IF izda>8 AND izda<22 THEN
GO SUB 50+5*izq: LET r=r+9: GO S
UB 50+5*der: LET vi=der: RETURN
580 IF izda=22 THEN GO SUB 50+5
*izq+(1 AND izq=6): LET s=s-9: G
O SUB 50+5*der+(1 AND der=6): LE
T vi=der: RETURN
585 RETURN
5000 POKE 23609,100: PAPER 4: BO
RDER 1: INK 0: CLS
5005 PRINT AT 10,10: INVERSE 1:
FLASH 1: "PARE LA CINTA": PAUSE 1
00
5009 LET part=0: LET x=128: LET
y=120: LET ss=0: LET gas=0: LET
gas=0
5022 LET pass=0: LET pasj=0
5024 PRINT AT 10,2: BRIGHT 1: "ES
TOY REPARTIENDO LAS FICHAS"
5026 LET f$="6665646362616055545
35251504443424140333231302221201
11000"
5028 FOR n=1 TO 200: LET m=INT (
RND*28)*2+1: LET f$=f$(m TO m+1)
+f$( TO m-1)+f$(m+2 TO ): NEXT n
5030 LET j$=f$( TO 14): LET s$=f
$(15 TO 28): LET f$=f$(29 TO )
5031 IF part=0 THEN INPUT "A CUA
NTAS PARTIDAS VAMOS? (reco
miendo 5) ":partidas
5040 RESTORE : GO SUB 12: GO SUB
350: CLS
5100 FOR n=1 TO 7: LET yy=60: GO
SUB 20: GO SUB 30: PRINT AT 16,
2*n-2,n
5110 LET r=16*n-7: LET s=60: GO
SUB 50+5*(VAL j$(2*n-1))+(1 AND
VAL j$(2*n-1)=6)
5120 LET s=s-9: GO SUB 50+5*(VAL
j$(2*n))+(1 AND VAL j$(2*n)=6):
5130 NEXT n
5140 LET dcha=1: LET izda=28: LE
T vd=0: LET vi=0: IF ss=1 THEN G
O TO 5220
5200 INPUT "QUE FICHA JUEGAS? ":
ff: IF ff<1 OR ff>7 THEN GO TO 5
200
5202 FOR z=1 TO 9: INK 4: PLOT 1
6*ff-7-z,69: DRAW 0,-18: NEXT z:
INK 0

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5204 LET n=1: GO SUB 42: LET r=x
+a(n,1): LET s=y+a(n,2): GO SUB
50+5*(VAL J$(2*ff-1)): LET vi=(V
AL J$(2*ff-1))
5206 LET r=r+9: GO SUB 50+5*(VAL
J$(2*ff)): LET vd=(VAL J$(2*ff)
)
5208 GO SUB 400: LET dcha=2
5212 FOR m=13 TO 16: FOR q=0 TO
31: PRINT AT m,q: " " : NEXT q: NE
XT m
5214 FOR n=1 TO (LEN J$)/2: LET
yy=60: GO SUB 32: PRINT AT 16,2*
n-2:n
5216 LET r=16*n-7: LET s=60: GO
SUB 50+5*(VAL J$(n*2-1)+(1 AND
VAL J$(n*2-1)=6): LET s=s-9: GO
SUB 50+5*(VAL J$(n*2))
5218 NEXT n: GO TO 6000
5220 PRINT #0: " JUEGO YO "
: PAUSE 50
5222 LET n=7: INK 4: GO SUB 22:
INK 0
5224 LET n=1: GO SUB 42: LET r=x
+a(n,1): LET s=y+a(n,2): GO SUB
50+5*(VAL S$(1)): LET vi=VAL S$(
1): LET r=r+9: GO SUB 50+5*VAL S
$(2): LET vd=VAL S$(2)
5226 LET s=s$(3 TO ): LET dcha=
2
5300 INPUT "QUE FICHA JUEGAS? (0
-pasas) "; ff: LET a$="": IF ff=0
THEN GO TO 5500
5305 IF ff>(LEN J$)/2 THEN GO TO
5300
5310 LET w=VAL J$(ff*2-1): LET w
=VAL J$(ff*2)
5315 IF vd<>w AND vi<>w AND vd<>
ww AND vi<>ww THEN PRINT #0: "ESA
NO PUEDES JUGARLA": PAUSE 100:
GO TO 5300
5320 IF w=vd AND ww=vi AND w<>ww
THEN INPUT "DONDE LA COLOCAS? (
D/I) "; a$: IF a$="d" OR a$="D"
THEN LET der=w: LET izq=ww: GO S
UB 500: GO TO 5400
5325 IF a$="i" OR a$="I" THEN LE
T der=w: LET izq=ww: GO SUB 550:
GO TO 5410
5330 IF w=vi AND ww=vd AND w<>ww
THEN INPUT "DONDE LA COLOCAS? (
D/I) "; a$: IF a$="d" OR a$="D" T
HEN LET der=ww: LET izq=w: GO SU
B 500: GO TO 5400
5335 IF a$="i" OR a$="I" THEN LE
T izq=w: LET der=ww: GO SUB 550:
GO TO 5410
5340 IF w=vd THEN LET der=w: LET
izq=ww: GO SUB 500: GO TO 5400
5345 IF ww=vd THEN LET der=ww: L
ET izq=w: GO SUB 500: GO TO 5400
5350 IF w=vi THEN LET izq=w: LET
der=ww: GO SUB 550: GO TO 5410
5355 IF ww=vi THEN LET izq=ww: L
ET der=w: GO SUB 550: GO TO 5410
5400 LET dcha=dcha+1: GO TO 5420
5410 LET izda=izda-1
5420 GO SUB 400
5440 LET pass=0: IF LEN J$=0 THE
N LET gaj=gaj+1: LET ss=1: GO TO
6362
5450 FOR o=0 TO 31: PRINT AT 13,
o: " "; TAB 31: " "; TAB
31: " " : NEXT o
5460 FOR n=1 TO (LEN J$)/2: LET
yy=60: GO SUB 32: PRINT AT 16,2*
n-2:n
5463 LET r=16*n-7: LET s=60: GO
SUB 50+5*VAL J$(n*2-1)+(1 AND VA
L J$(n*2-1)=6): LET s=s-9: GO SU
B 50+5*VAL J$(n*2)+(1 AND VAL J$
(n*2)=6): NEXT n
5470 GO TO 6000
5510 FOR m=1 TO LEN J$: IF vd=VA
L J$(m) OR vi=VAL J$(m) THEN PRI
NT #0: FLASH 1: " NO PASA "
: PAUSE 100: GO TO 5300
5511 NEXT m
5520 IF LEN f$=0 THEN GO TO 5600
5530 PRINT #0: "ROBAS UNA FICHA"
5535 LET J$=J$+f$( TO 2): LET f$
=f$(3 TO )
5540 LET yy=60: FOR n=1 TO (LEN
J$)/2: GO SUB 32: PRINT AT 16,n*
2-2:n
5545 LET r=16*n-7: LET s=60: GO
SUB 50+5*(VAL J$(2*n-1)+(1 AND
VAL J$(2*n-1)=6): LET s=51: GO S

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UB 50+5*VAL J$(2*n)+(1 AND VAL J
$(2*n)=6)
5548 NEXT n
5550 GO TO 5300
5600 LET pass=1: PRINT #0: AT 0,0
: FLASH 1: "P A S A S": PAUSE 50
5610 IF pass=1 THEN GO TO 6350
6000 FOR m=1 TO (LEN s$)/2
6010 IF vi=VAL s$(m*2) THEN LET
izq=VAL s$(m*2): LET der=VAL s$(
m*2-1): GO SUB 550: LET izda=izd
a-1: GO TO 6060
6020 IF vi=VAL s$(m*2-1) THEN LE
T izq=VAL s$(m*2-1): LET der=VAL
s$(m*2): GO SUB 550: LET izda=i
zda-1: GO TO 6060
6030 IF vd=VAL s$(m*2) THEN LET
izq=VAL s$(m*2-1) LET der=VAL s
$(m*2): GO SUB 500: LET dcha=dch
a+1: GO TO 6060
6040 IF vd=VAL s$(m*2-1) THEN LE
T izq=VAL s$(m*2): LET der=VAL s
$(m*2-1): GO SUB 500: LET dcha=d
cha+1: GO TO 6060
6045 NEXT m
6050 GO TO 6200
6060 LET n=(LEN s$)/2: INK 4: GO
SUB 22: INK 0
6070 GO SUB 410
6090 LET pass=0: IF LEN s$=0 THE
N LET gas=gas+1: LET ss=0: GO TO
6362
6100 GO TO 5300
6200 IF LEN f$=0 THEN PRINT #0: A
T 0,0: FLASH 1: "P A S O": PAUS
E 50: GO TO 6300+(51 AND pass)=1
6210 PRINT #0: AT 0,0: "ROBO UNA F
ICHA": LET s=s+f$( TO 2): LET
f$=f$(3 TO )
6220 LET n=(LEN s$)/2: GO SUB 22
6230 LET m=n: IF vi=VAL s$(m*2-1
) THEN INK 4: GO SUB 22: INK 0:
GO TO 6020
6235 IF vd=VAL s$(m*2) THEN INK
4: GO SUB 22: INK 0: GO TO 6030
6240 IF vd=VAL s$(m*2-1) THEN IN
K 4: GO SUB 22: INK 0: GO TO 604
0
6245 IF vi=VAL s$(m*2) THEN INK
4: GO SUB 22: INK 0: GO TO 6010
6250 GO TO 6200
6300 PRINT #0: FLASH 1: "YO... P
ASO": PAUSE 100
6310 IF pass=1 THEN GO TO 6350
6320 GO TO 5300
6350 FOR o=1 TO 50: NEXT o
6351 LET contsp=0: LET contju=0
6352 PRINT #0: "PASANDO LOS DCS.
CUANTO PUNTOS"
6353 FOR o=1 TO LEN s$: LET cont
sp=contsp+VAL S$(o): NEXT o
6354 FOR o=1 TO LEN J$: LET cont
ju=contju+VAL J$(o): NEXT o
6356 PRINT AT 17,0: "PUNTOS SPECT
RUM: "; contsp: PRINT "PUNTOS J
UGADOR: "; contju: PRINT "GANAD
OR PARTIDA: "; ("SPECTRUM" AND co
ntsp<contju)+("EMPATE" AND conts
p=contju)+("TU" AND contsp>contj
u): PAUSE 300
6358 IF contsp>contju THEN LET p
art=part+1: LET gaj=gaj+1: PAUSE
100: GO TO 6370
6360 IF contju>contsp THEN LET p
art=part+1: LET gas=gas+1: GO TO
6370
6362 LET part=part+1
6370 CLS: PRINT AT 8,8: "R E S U
L T A D O": PRINT "
PROVISIONAL" AND part<partidas):
PRINT "SPECTRUM: "; ga
s: PRINT "JUGADOR: "; g
aj: IF gaj>gas THEN PRINT "FLA
SH 1: "GANADOR... bueno... TU" AN
D part=partidas: IF part<partida
s THEN PAUSE 300: LET ss=1: CLS
: GO TO 5022
6371 IF part=partidas THEN GO TO
6373
6372 PRINT "GANADOR SPECTRUM (
claro)" AND gas>gaj AND part=par
tidas: IF part<partidas THEN PAU
SE 200: LET ss=0: CLS: GO TO 50
22
6373 PRINT #0: "OTRA PARTIDA? (s
/n)": PAUSE 0: IF INKEY$="s" OR
INKEY$="S" THEN RUN 5007

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