

Casse tête chinois

pour CPC
Clavier

Un taquin géométrique. Telle est la seule définition pouvant convenir à ce jeu plus difficile qu'il n'y paraît au premier abord. Bon amusement...

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10 SACAZE Jean-P
ierre
15 MODE 1
20 GOSUB 2090
30 RESTORE
40 SYMBOL AFTER 200
50 SYMBOL 200,0,127,64,64,64,64,64,64,64
60 SYMBOL 201,0,254,2,2,2,2,2,2,2
70 SYMBOL 202,64,64,64,64,64,64,127,0
80 SYMBOL 203,2,2,2,2,2,2,254,0
90 SYMBOL 204,0,255
100 SYMBOL 205,64,64,64,64,64,64,64,64,64
110 SYMBOL 206,0,0,0,0,0,0,255
120 SYMBOL 207,2,2,2,2,2,2,2,2,2
130 SYMBOL 208,0,0,0,0,7,12,12,13
140 SYMBOL 209,0,0,0,0,192,96,224,96
150 SYMBOL 210,14,12,7
160 SYMBOL 211,96,96,192
170 SYMBOL 212,0,0,0,0,24,56,24,24
180 SYMBOL 213,24,24,126
190 SYMBOL 214,0,0,0,0,60,102,6,60
200 SYMBOL 215,96,102,126
210 SYMBOL 216,0,0,0,0,60,70,6,28
220 SYMBOL 217,6,102,60
230 SYMBOL 218,0,0,0,0,24,56,88,152
240 SYMBOL 219,254,24,60
250 SYMBOL 220,7,6,6,3,0,6,3
260 SYMBOL 221,224,32,0,192,96,96,192
270 SYMBOL 222,&6,&8,&3C,&66,&7E,&60,&3C
280 SYMBOL 223,&60,&10,&78,&C,&7C,&CC,&76
290 'tableau tp
300 DIM tp(10,2)
310 FOR z=1 TO 4
320 FOR x=1 TO 2
330 READ tp(z,x):READ tp(z+5,x)
340 NEXT x
350 NEXT z
360 DATA 212,54,213,000,214,55,215,000,216,56,217,000,218,57,219,000
370 'tableau ta
380 DIM ta(10,2)
390 FOR e=1 TO 4
400 ta(e,1)=3:ta(e,2)=6
410 ta(e+5,1)=3:ta(e+5,2)=3
420 NEXT e
430 ta(5,1)=6:ta(5,2)=3
440 ta(10,1)=6:ta(10,2)=6
450 'tableau t
460 DIM t(10,4,6)
470 FOR e=1 TO 10
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480 RESTORE 550
490 FOR a=1 TO 4
500 FOR z=1 TO 6
510 READ s:t(e,a,z)=s
520 NEXT z
530 NEXT a
540 NEXT e
550 DATA 0,-1,0,-3,0,-1,0,6,0,3,0,6,-1,0,-3,0,-1,3,3,0,3,0,3,3
560 t(5,1,5)=3:t(5,2,2)=3:t(5,2,5)=3:t(5,2,6)=3
570 t(5,3,6)=0:t(5,4,1)=6:t(5,4,5)=6:t(5,4,6)=0
580 FOR e=6 TO 9
590 t(e,2,2)=3:t(e,2,6)=3:t(e,3,6)=0:t(e,4,6)=0
600 NEXT e
610 t(10,1,5)=3:t(10,2,5)=3:t(10,4,1)=6:t(10,4,5)=6
620 '-----LES 2 CADRES-----
630 PAPER 0:CLS
640 c(0)=1:c(1)=26:c(2)=6:c(3)=24
650 FOR k=0 TO 3:INK k,c(k):NEXT k
660 BORDER c(0):PAPER 0:CLS:PEN 1
670 LOCATE 1,1:PRINT CHR$(150)+STRING$(12,CHR$(154))+CHR$(156)
680 LOCATE 27,1:PRINT CHR$(150)+STRING$(12,CHR$(154))+CHR$(156)
690 FOR q=2 TO 16
700 LOCATE 1,q:PRINT CHR$(149)
710 LOCATE 14,q:PRINT CHR$(149)
720 LOCATE 27,q:PRINT CHR$(149)
730 LOCATE 40,q:PRINT CHR$(149)
740 NEXT q
750 LOCATE 1,17:PRINT CHR$(147)+STRING$(12,CHR$(154))+CHR$(153)
760 LOCATE 27,17:PRINT CHR$(147)+STRING$(12,CHR$(154))+CHR$(153)
770 '-----CADRE D'ARRIVEE-----
780 DIM x(10):DIM y(10)
790 FOR w=1 TO 10
800 READ x,y,e
810 x(e)=x:y(e)=y
820 GOSUB 1790
830 NEXT w
840 DATA 28,2,1,31,2,2,34,2,3,37,2,4,28,8,6,31,8,5,37,8,7,28,11,8,31,1,10,37,11,9
850 '-----tableau a#-----
860 DIM a$(17)
870 dra=0
880 a$(1)=STRING$(14,"1")
890 FOR q=2 TO 16
900 a$(q)="1"+STRING$(12,"0")+ "1"
910 NEXT q
920 a$(17)=STRING$(14,"1")
930 '-----CADRE DE DEPART-----
940 RESTORE 990
950 FOR u=1 TO 10
960 READ e,x,y
970 x(e)=x:y(e)=y:GOSUB 1730
980 NEXT u
990 DATA 2,2,2,10,5,2,3,11,2,1,2,8,5,5,8,4,11,8,6,5,11,7,8,11,8,5,14,9,8,14
1000 LOCATE 5,18:PRINT"DEPART":LOCATE 31,18:PRINT"ARRIVEE"
1010 IF dra=1 THEN 1300
1020 LOCATE 2,20:PRINT"Voulez-vous changer les couleurs? (O/N)"
1030 ch#=INKEY$:IF ch#="" THEN 1030
1040 IF ch#="o" OR ch#="O" THEN GOSUB 2630
1050 LOCATE 2,20:PRINT"Voulez-vous une d"+CHR$(222)+"monstration? (O/N)"
1060 ch#=INKEY$:IF ch#="" THEN 1060
1070 IF ch#="n" OR ch#="N" THEN 1300
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1080 '-----DEMONSTRATION-----
1090 LOCATE 5,18:PRINT" ":LOCATE 2,20:PRINT" "
1100 FOR s=1 TO 122
1110 READ d#
1120 e=VAL(LEFT$(d#,1))
1130 IF e=0 THEN e=10
1140 FOR a=1 TO 4
1150 IF VAL(RIGHT$(d#,1))=a THEN 1170
1160 NEXT a
1170 bx=x(e)+T(e,a,1):by=y(e)+T(e,a,2)
1180 bx2=x(e)+T(e,a,5):by2=y(e)+T(e,a,6)
1190 IF MID$(a$(by),bx,1)="1" OR MID$(a$(by2),bx2,1)="1" THEN 1220
1200 GOSUB 1670
1210 GOTO 1170
1220 NEXT s
1230 DATA 12,42,54,61,63,81,14,62,83,82,53,71,74,91,14,64,82,52,93,73,11,41,64,84,52,92,94,22,03,33,41,61,84,81,54,92,93,72,13,83,81,51,74,94,22,12,83,63,51,91,94,14,24,82,63,62,53,91,93,42,34,91,11,73,42,32,94,11,71,43,32,74,12,93,71,31,44,24,84,62,52,02
1240 DATA 93,73,11,21,31,41,84,64,52,02,92,73,13,21,04,92,72,13,23,33,41,04,94,91,51,63,83,02,94,74,51,61,83,03,92,74,54,61,81,91
1250 FOR a=1 TO 2200:NEXT a
1260 dra=1
1270 FOR m=2 TO 16:LOCATE 2,m:PRINT SPACE$(12):NEXT m
1280 FOR m=20 TO 24:LOCATE 1,m:PRINT SPACE$(35):NEXT m
1290 GOTO 880
1300 '-----JEU MANUEL-----
1310 LOCATE 2,23:PRINT "A vous de jouer (O "+CHR$(223)+" 9)."
1320 LOCATE 2,20:PRINT"(D) pour revenir au d"+CHR$(222)+"part. ":LOCATE 2,21:PRINT"(C) pour changer les couleurs."
1330 dra=0
1340 a#=INKEY#
1350 IF a#>=CHR$(48) AND a#<=CHR$(57) THEN 1390
1360 IF a#="D" OR a#="d" THEN 1270
1370 IF a#="C" OR a#="c" THEN GOSUB 2630:GOTO 1320
1380 GOTO 1340
1390 LOCATE 5,18:PRINT" ":LOCATE 2,23:PRINT SPACE$(35)
1400 e=VAL(a#)
1410 IF e=0 THEN e=10
1420 q#="DIRECTIONS:"
1430 d=0
1440 FOR s=1 TO 4
1450 bx=x(e)+t(e,s,1):by=y(e)+t(e,s,2)
1460 bx2=x(e)+t(e,s,5):by2=y(e)+t(e,s,6)
1470 IF MID$(a$(by),bx,1)="0" AND MID$(a$(by2),bx2,1)="0" THEN q#=q#+CHR$(239+s):d=d+1:a=s:j(d)=s
1480 NEXT s
1490 IF d=0 THEN 1340
1500 IF d=2 THEN 1580
1510 GOSUB 1670
1520 bx=x(e)+t(e,a,1):by=y(e)+t(e,a,2)
1530 bx2=x(e)+t(e,a,5):by2=y(e)+t(e,a,6)
1540 IF MID$(a$(by),bx,1)="1" AND MID$(a$(by2),bx2,1)="1" THEN 1340
1550 GOSUB 1670:GOTO 1340
1560 GOTO 1580
1570 LOCATE 2,20:PRINT"(D) pour rev
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enir au d"+CHR$(222)+"part. ":LOCATE 2,21:PRINT"(C) pour changer les couleurs."
1580 LOCATE 10,23:PRINT q#
1590 h#=UPPER$(INKEY#):IF h#="" THEN 1590
1600 IF h#="D" THEN 1270
1610 IF h#="C" THEN GOSUB 2630:GOTO 1570
1620 k=ASC(h#):IF k=239+j(1) OR k=239+j(2) THEN 1640
1630 GOTO 1590
1640 a=k-239
1650 LOCATE 1,23:PRINT SPACE$(40):GOSUB 1670:GOTO 1340
1660 END
1670 '-----CARACTERES VIDES + 0 DANS A#-
1680 FOR w=0 TO ta(e,2)-1
1690 LOCATE x(e),y(e)+w:PRINT SPACE$(ta(e,1))
1700 MID$(a$(y(e)+w),x(e),ta(e,1))="000000"
1710 NEXT w
1720 x(e)=x(e)+t(e,a,3):y(e)=y(e)+t(e,a,4)
1730 '-----METTRE DES 1 DANS A#-----
1740 FOR w=0 TO ta(e,2)-1
1750 MID$(a$(y(e)+w),x(e),ta(e,1))="111111"
1760 NEXT w
1770 GOSUB 1790
1780 RETURN
1790 '-----CHOIX DESSIN SUIVANT E-----
1800 PAPER 3:PEN 2
1810 ON e GOSUB 1840,1840,1840,1840,1910,1950,1950,1950,1950,1990
1820 PAPER 0:PEN 1
1830 RETURN
1840 LOCATE x(e),y(e):PRINT CHR$(200)+CHR$(204)+CHR$(201)
1850 LOCATE x(e),y(e)+1:PRINT CHR$(205)+CHR$(32)+CHR$(207)
1860 LOCATE x(e),y(e)+2:PRINT CHR$(205)+CHR$(tp(e,1))+CHR$(207)
1870 LOCATE x(e),y(e)+3:PRINT CHR$(205)+CHR$(tp(e,2))+CHR$(207)
1880 LOCATE x(e),y(e)+4:PRINT CHR$(205)+CHR$(32)+CHR$(207)
1890 LOCATE x(e),y(e)+5:PRINT CHR$(202)+CHR$(206)+CHR$(203)
1900 RETURN
1910 LOCATE x(e),y(e):PRINT CHR$(200)+STRING$(4,CHR$(204))+CHR$(201)
1920 LOCATE x(e),y(e)+1:PRINT CHR$(205)+CHR$(32)+CHR$(220)+CHR$(221)+CHR$(32)+CHR$(207)
1930 LOCATE x(e),y(e)+2:PRINT CHR$(202)+STRING$(4,CHR$(206))+CHR$(203)
1940 RETURN
1950 LOCATE x(e),y(e):PRINT CHR$(200)+CHR$(204)+CHR$(201)
1960 LOCATE x(e),y(e)+1:PRINT CHR$(205)+CHR$(tp(e,1))+CHR$(207)
1970 LOCATE x(e),y(e)+2:PRINT CHR$(202)+CHR$(206)+CHR$(203)
1980 RETURN
1990 LOCATE x(e),y(e):PRINT CHR$(200)+STRING$(4,CHR$(204))+CHR$(201)
2000 LOCATE x(e),y(e)+1:PRINT CHR$(205)+STRING$(4,CHR$(32))+CHR$(207)
2010 LOCATE x(e),y(e)+2:PRINT CHR$(205)+CHR$(32)+CHR$(208)+CHR$(209)+CHR$(32)+CHR$(207)
2020 LOCATE x(e),y(e)+3:PRINT CHR$(205)+CHR$(32)+CHR$(210)+CHR$(211)+CHR$(32)+CHR$(207)
2030 LOCATE x(e),y(e)+4:PRINT CHR$(205)+STRING$(4,CHR$(32))+CHR$(207)
2040 LOCATE x(e),y(e)+5:PRINT CHR$(202)+STRING$(4,CHR$(206))+CHR$(203)
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2050 RETURN
2060 FOR q=1 TO 17
2070 PRINT a$(q)
2080 NEXT
2090 INK 0,13:INK 1,2:INK 2,26:INK
3,6
2100 BORDER 13:PAPER 0:CLS
2110 SYMBOL AFTER 240
2120 SYMBOL 240,255,254,5,10,21,42,
85,170
2130 SYMBOL 241,255,127,191,95,175,
87,171,85
2140 SYMBOL 242,128,192,96,48,24,12
,6,3
2150 SYMBOL 243,1
2160 RESTORE 2240
2170 PEN 1
2180 FOR l=1 TO 8
2190 FOR c=1 TO 30
2200 READ a
2210 LOCATE 5+c,1:PRINT CHR$(a)
2220 NEXT c
2230 NEXT l
2240 DATA 128,204,208,208,208,205,1
28,204,208,208,208,205,128,204,208,
208,208,205,128,204,208,208,208,205
,204,208,208,208,208,240
2250 DATA 214,143,143,143,215,222,2
14,143,143,143,215,222,214,143,143,
143,215,222,214,143,143,143,215,222
,143,143,143,143,220
2260 DATA 143,207,128,128,143,220,1
43,207,128,128,143,207,143,207,128,
128,143,220,143,207,128,128,143,220
,143,207,128,128,128,128
2270 DATA 143,207,128,128,128,128,1
43,220,208,208,143,207,143,220,208,
208,208,205,143,220,208,208,208,205-
,143,220,208,208,240,128
2280 DATA 143,207,128,128,128,128,1
43,143,143,143,143,207,213,143,143,
143,215,222,213,143,143,143,215,222
,143,143,143,143,220,128
2290 DATA 143,207,128,128,204,240,1
43,207,128,128,143,207,204,222,128,
128,143,207,204,222,128,128,143,207
,143,207,128,128,128,128
2300 DATA 143,220,208,208,143,220,1
43,207,128,128,143,207,143,220,208,
208,143,220,143,220,208,208,143,220
,143,220,208,208,208,240
2310 DATA 213,143,143,143,212,128,1
43,220,128,128,143,220,213,143,143,
143,212,128,213,143,143,143,212,128
,143,143,143,143,220
2320 PEN 2
2330 FOR l=1 TO 8
2340 FOR c=1 TO 24
2350 READ a
2360 LOCATE B+c,B+1:PRINT CHR$(a)
2370 NEXT c
2380 NEXT l
2390 DATA 204,208,208,208,208,240,2
04,208,208,208,208,240,204,208,208,
208,208,240,204,208,208,208,208,240

2400 DATA 143,143,143,143,143,220,1
43,143,143,143,143,220,143,143,143,
143,143,220,143,143,143,143,220
2410 DATA 128,128,143,207,128,128,1
43,207,128,128,128,128,128,143,
207,128,128,143,207,128,128,128,128
2420 DATA 128,128,143,207,128,128,1
43,220,208,208,240,128,128,128,143,
207,128,128,143,220,208,208,240,128
2430 DATA 128,128,143,207,128,128,1
43,143,143,143,220,128,128,128,143,
207,128,128,143,143,143,143,220,128
2440 DATA 128,128,143,207,128,128,1
43,207,128,128,128,128,128,143,
207,128,128,143,207,128,128,128,128

2450 DATA 128,128,143,207,128,128,1
43,220,208,208,208,240,128,128,143,
207,128,128,143,220,208,208,240,128
2470 PEN 3
2480 FOR l=1 TO 8
2490 FOR c=1 TO 34
2500 READ a
2510 LOCATE 3+c,16+1:PRINT CHR$(a)
2520 NEXT c
2530 NEXT l
2540 DATA 128,204,208,208,208,205,2
04,240,128,128,204,240,204,240,204,
240,128,128,204,240,128,204,208,208
,208,205,204,240,128,204,208,208,20
8,205
2550 DATA 214,143,143,143,215,222,1
43,207,128,128,143,207,143,207,143,
220,242,128,143,207,214,143,143,143
,215,222,143,207,214,143,143,143,21
5,222
2560 DATA 143,207,128,128,143,220,1
43,207,128,128,143,207,143,207,143,
215,243,242,143,207,143,207,128,128
,143,207,143,207,143,207,128,128,14
3,220
2570 DATA 143,207,128,128,128,128,1
43,220,208,208,143,207,143,207,143,
143,215,128,143,207,143,207,128,128
,143,207,143,207,143,220,208,208,20
8,205
2580 DATA 143,207,128,128,128,128,1
43,143,143,143,143,207,143,207,143,
241,143,215,143,207,143,207,128,128
,143,207,143,207,213,143,143,143,21
5,222
2590 DATA 143,207,128,128,204,240,1
43,207,128,128,143,207,143,207,143,
207,213,143,143,207,143,207,128,128
,143,207,143,207,204,222,128,128,14
3,207
2600 DATA 143,220,208,208,143,220,1
43,207,128,128,143,207,143,207,143,
207,128,213,143,207,143,220,208,208
,143,220,143,207,143,220,208,208,14
3,220
2610 DATA 213,143,143,143,212,128,1
43,220,128,128,143,220,143,220,143,
220,128,128,143,220,213,143,143,143
,212,128,143,220,213,143,143,143,21
2,128
2620 RETURN
2630 i(0)=3
2640 i(1)=2
2650 i(2)=1
2660 i(3)=0
2670 LOCATE 1,20:PRINT"          CHA
NGEMENT DE COULEURS          "
2680 FOR a=0 TO 3
2690 LOCATE 1,A+21:PRINT "
      (:USING "#";a:LOCATE 19,A+2
1:PRINT ") = ":LOCATE 23,A+21:PRINT
USING "##";c(a):LOCATE 25,A+21:PRI
NT"          "
2700 NEXT a
2710 LOCATE 17,25:PRINT "(F) = FIN"

2720 a$=INKEY$
2730 IF a$>=CHR$(48) AND a$<=CHR$(5
1) THEN 2760
2740 IF a$="F" OR a$="f" THEN 2870
2750 GOTO 2720
2760 z=VAL(a$)
2770 c(z)=c(z)+1
2780 IF c(z)>26 THEN c(z)=0
2790 FOR d=0 TO 3
2800 IF z=d OR z=i(d) THEN 2820

2810 IF c(z)=c(d) THEN 2770
2820 NEXT d
2830 LOCATE 23,z+21:PRINT USING "##
";c(z)
2840 INK z,c(z)

2850 IF z=0 THEN BORDER c(z)
2860 GOTO 2720
2870 FOR q=21 TO 25
2880 LOCATE 17,q:PRINT SPACE$(15)
2890 NEXT q
2900 RETURN
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