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1000 * *****
1010 * *** SOLITARE (c) Peter Lee ***
1020 * *****
1030 *
1040 *
1050 MODE 1:DEFINT a-z
1060 GOSUB 1190
1070 GOSUB 1360
1080 GOSUB 1430
1090 GOSUB 1610
1100 GOSUB 1900
1110 GOSUB 2070
1120 GOSUB 2320
1130 GOTO 1080
1140 *
1150 * *****
1160 * ***** Set up inks *****
1170 * *****
1180 *
1190 INK 0,1:INK 1,24:INK 2,20:INK 3,6:INK 4,0:INK 5,26:INK
6,13,26
1200 BORDER 1
1210 EXT -1, 1,2,1, 1,-2,1:ENV 1, 1,10,1, 10,-1,3
1220 PEN 1:LOCATE 1,12:PRINT"Are you using green screen moni
tor (Y,N)";
1230 z$=UPPER$(INKEY$):IF z$="" THEN 1230
1240 IF z$(">")M" AND z$("<")Y" THEN 1230
1250 IF z$="Y" THEN INK 3,16
1260 MODE 1
1270 FOR t=1 TO 20
1280 KEY DEF t,1
1290 NEXT
1300 RETURN
1310 *
1320 * *****
1330 * ***** Set up boards, and other such arrays. *****
1340 * *****
1350 *
1360 DIM board$(9),Store$(9,31),a$(3),z$(9),z(6)
1370 RETURN
1380 *
1390 * *****
1400 * ***** Display Title *****
1410 * *****
1420 *
1430 MODE 1:GOSUB 3160
1440 LOCATE 10,9:PEN 2:PRINT "Written by Peter Lee"
1450 LOCATE 5,21:PEN 3:PRINT"Do you need instructions (Y,N)?
"
1460 PAPER 1:LOCATE 1,1:PRINT SPACE$(40);LOCATE 1,16:PRINT
SPACE$(40)
1470 FOR t=2 TO 24
1480 LOCATE 1,t:PRINT " ";LOCATE 40,t:PRINT " ";
1490 NEXT
1500 LOCATE 1,25:PRINT SPACE$(40);
1510 PAPER 0
1520 z$=INKEY$:IF z$="" THEN 1520
1530 z=INSTR("YN",UPPER$(z$))
1540 IF z=0 THEN 1520
1550 RETURN
1560 *
1570 * *****
1580 * ***** Display instructions if required *****
1590 * *****
1600 *
1610 IF z=2 THEN RETURN
1620 MODE 1:GOSUB 3160
1630 LOCATE 13,4:PRINT STRING$(15,45)
1640 PEN 2:LOCATE 8,8:PRINT "Use keypad to move cursor.":PRI
NT TAB(8)"Use 'S' to jump/abort jump."
1650 PRINT TAB(8)"Use 'Q' to quit.":PRINT TAB(8)"Use 'B' to
move back."
1660 PAPER 1:LOCATE 1,1:PRINT SPACE$(40);LOCATE 1,17:PRINT
SPACE$(40)
1670 FOR t=2 TO 24
1680 LOCATE 1,t:PRINT " ";LOCATE 40,t:PRINT " ";
1690 NEXT
1700 LOCATE 1,25:PRINT SPACE$(40);
1710 PAPER 0
1720 LOCATE 10,21:PEN 2:PRINT"Press (SPACE) to play"

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1730 IF INKEY$(">") THEN 1730
1740 RETURN
1750 *
1760 * *****
1770 * ***** Set up variables to play *****
1780 * *****
1790 *
1800 RESTORE 1930
1810 FOR t=1 TO 9
1820 READ board$(t)
1830 store$(t,0)=board$(t) ' store as first board.
1840 NEXT
1850 score=0
1860 z=0
1870 x=5:y=5:dx=5:dy=5:zx=5:zy=5:store$(0,0)=STRING$(6,5)
1880 xs$="1231 3123"
1890 ys$="3332 2111"
1900 MODE 0
1910 RETURN
1920 *
1930 DATA "0000000000"
1940 DATA "0001110000"
1950 DATA "0001110000"
1960 DATA "0111111110"
1970 DATA "0111211110"
1980 DATA "0111111110"
1990 DATA "0001110000"
2000 DATA "0001110000"
2010 DATA "0000000000"
2020 *
2030 * *****
2040 * ***** Display board *****
2050 * *****
2060 *
2070 a$=CHR$(15)
2080 a$(1)=a$+"2"+CHR$(143)
2090 a$(2)=a$+"3"+CHR$(123)
2100 a$(3)=a$+"1"
2110 WINDOW 81,6,15,9,18
2120 FOR board=1 TO 9
2130 z$(board)=""
2140 FOR t=1 TO 9
2150 temp$=MID$(board$(board),t,1)
2160 temp=ASC(temp$)-47
2170 z$(board)=z$(board)+a$(temp)
2180 NEXT
2190 NEXT
2200 LOCATE 81,1,1
2210 FOR t=1 TO 9
2220 PRINT #1,z$(t);
2230 NEXT
2240 PLOT 0,0,4:DRAW 0,399:DRAW 639,399:DRAW 639,0:DRAW 0,0
2250 PLOT 156,275,4:DRAW 448,275:DRAW 448,127:DRAW 156,127:D
RAW 156,275
2260 RETURN
2270 *
2280 * *****
2290 * ***** Do move/jump. Exits if quit or win. *****
2300 * *****
2310 *
2320 LOCATE 6,5:PEN 5:PRINT"SCORE ";LOCATE 11,5:PEN 6:PR
INT score;PEN 1:LOCATE 3,24:PRINT "Use 'Q' to quit"
2330 PLOT 640,400,2:MOVE 162,368:TAB:PRINT"SOLITARE";:TAGOFF
2340 PEN 3:LOCATE 6,3:PRINT CHR$(22)"ISOLITARE";CHR$(22)"2";
2350 LOCATE 6,4:PRINT STRING$(8,45)
2360 IF score=31 THEN z=2:GOTO 2780
2370 GOSUB 3040:z$=INKEY$:GOSUB 3060:IF z$="" THEN 2370
2380 z=INSTR("1234567890",UPPER$(z$))
2390 IF z=0 THEN 2370
2400 IF z>9 THEN 2670
2410 IF z=5 THEN IF MID$(board$(y),x,1)<"1" THEN 2370 ELSE
2490
2420 * ***** Move *****
2430 GOSUB 3100
2440 x2=x+sx:y2=y+sy
2450 IF MID$(board$(y2),x2,1)="" THEN 2370
2460 x=x2:y=y2
2470 GOTO 2370
2480 * ***** Jump *****
2490 GOSUB 3110:z$=INKEY$:GOSUB 3060:IF z$="" THEN 2490

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2500 z=INSTR(" 2 456 8 Q",UPPER$(z$))
2510 IF z=0 OR z$="" THEN 2490 ELSE IF z=5 THEN 2320
2520 IF z>9 THEN 2670
2530 GOSUB 3100
2540 jx=x+sx:jy=y+sy
2550 dx=x+sx*2:dy=y+sy*2
2560 IF MID$(board$(jy),jx,1)<"1" THEN 2320
2570 IF MID$(board$(dy),dx,1)<"2" THEN 2320
2580 store$(0,score)=CHR$(z)+CHR$(y)+CHR$(jx)+CHR$(jy)+CHR$(
dx)+CHR$(dy)
2590 LOCATE 5+sx,8+sy:PRINT a$(3);
2600 MID$(board$(y),x,1)=""
2610 LOCATE 5+zx,8+zy:PRINT a$(3);
2620 LOCATE 5+dx,8+dy:PRINT a$(2);
2630 MID$(board$(jy),jx,1)=""
2640 MID$(board$(dy),dx,1)=""
2650 x=dx:y=dy:score=score+1:GOTO 2740
2660 * ***** Quit, Back-move *****
2670 IF z=10 THEN z=1:GOTO 2790
2680 IF score=0 THEN 2370 ELSE score=score-1
2690 FOR t=1 TO 9
2700 board$(t)=store$(t,score)
2710 NEXT
2720 x=ASC(MID$(store$(0,score),1)):y=ASC(MID$(store$(0,sco
re),2))
2730 GOSUB 2070:GOTO 2320
2740 FOR t=1 TO 9
2750 store$(t,score)=board$(t)
2760 NEXT
2770 GOTO 2320
2780 LOCATE 5,23:PEN 2:PRINT"You have won."INK 3,6,0
2790 PEN 2:LOCATE 2,24:PRINT"See replay (Y,N) ?";
2800 z$=UPPER$(INKEY$):IF z$(">")Y" AND z$("<")N" THEN 2800
2810 INK 3,6:IF z$="N" THEN RETURN
2820 LOCATE 2,23:PRINT SPACE$(18);LOCATE 2,24:PRINT SPACE$(
18);
2830 tt=0:GOSUB 3120:GOSUB 2070
2840 FOR tt=0 TO score-1
2850 LOCATE 11,5:PEN 6:PRINT tt;
2860 FOR l=1 TO 6
2870 z(1)=ASC(MID$(store$(0,tt),l,1))
2880 NEXT
2890 GOSUB 3120 ' Restore board
2900 IF z(1)>z(3) THEN d=2
2910 IF z(1)<z(3) THEN d=3
2920 IF z(2)>z(4) THEN d=0
2930 IF z(2)<z(4) THEN d=1
2940 LOCATE z(1)+5,z(2)+8:PEN 13
2950 PRINT CHR$(22)"1"CHR$(240+d)CHR$(22)"0";
2960 INK 13,26,1
2970 LOCATE 4,24:PEN 2:PRINT"Press (SPACE)"
2980 IF INKEY$(">") THEN 2980
2990 LOCATE z(1)+5,z(2)+8:PRINT a$(2);FOR zz=1 TO 100:NEX
T
3000 LOCATE z(1)+5,z(2)+8:PRINT " ";LOCATE z(5)+5,z(6)+8:PR
INT a$(2);
3010 LOCATE z(3)+5,z(4)+8:PRINT " ";
3020 NEXT
3030 GOTO 2790
3040 c=c+1:IF c=10 THEN SOUND 1,40-score,20,0,1,l:c=0
3050 LOCATE 5+sx,8+sy:PEN 5:PRINT CHR$(22)"1"CHR$(22)"0";:RET
URN
3060 LOCATE 5+sx,8+sy:temp$=MID$(board$(y),x,1)
3070 temp=ASC(temp$)-47
3080 PRINT a$(temp);
3090 RETURN
3100 xs=ASC(MID$(xs$,z,1))-50:ys=ASC(MID$(ys$,z,1))-50:RETUR
N
3110 LOCATE 5+sx,8+sy:PEN 5:PRINT CHR$(22)"1"CHR$(22)"0";:RET
URN
3120 FOR ttt=1 TO 9
3130 board$(ttt)=store$(ttt,tt)
3140 NEXT
3150 RETURN
3160 PLOT 640,400,2:MOVE 192,368:TAB:PRINT"S O L I T A R E";
:TAGOFF
3170 PEN 3:LOCATE 13,3:PRINT CHR$(22)"S O L I T A R E";CHR$(
22)"2";
3180 LOCATE 13,4:PRINT STRING$(15,45)
3190 RETURN

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