

```

60   GOSUB 600
70   DIM A (9)
80   FOR T = 1 TO 4
90   A (T) = ADIAMOND
100  A (T + 5) = ASQUARE
110  NEXT T
120  A (5) = ASPACE
130  GOTO 280

```

```

135  :
140  PRINT CHR$(7)
150  DI
160  FOR t = 1 TO 9
170  LOCATE T * 2, 5
180  PEN 12
190  PRINT CHR$ (A (T))
200  LOCATE T * 2 - 1, 7
210  PEN 7
220  PRINT T
230  NEXT T
240  EI
250  LOCATE 3,15 : PEN 4 : PRINT COUNT
260  EVERY 10 GOSUB 730
270  RETURN

```

```

275  :
280  GOSUB 140
290  LOCATE 1, 10
300  PEN 10
340  A$ = INKEY$ : IF A$ = "" THEN 340
350  IF A$ = "0" THEN 780
360  IF ASC(A$) < 49 OR ASC(A$) > 57 THEN SOUND 1,400,50,7,0
    ,0,1 : GOTO 340
370  FROM = VAL(A$)
380  IF ABS(FROM - EMPTY) > 2 OR FROM = EMPTY THEN SOUND 1,3
    00,50,7,0,0,1 : GOTO 340
390  A(EMPTY) = A(FROM)
400  A(FROM) = ASPACE : EMPTY = FROM
410  COUNT = COUNT + 1
450  FOR t = 1 TO 4
460  IF a(t) = ASQUARE AND a(t + 5) = ADIAMOND AND a(5) = AS
    PACE THEN NEXT : GOTO 510
470  GOTO 280

```

```

480      :
510      GOSUB 140 : LOCATE 1, 17 : PEN 2
520      PRINT "CONGRATULATIONS,!!!"
530      PRINT "YOU DID IT IN ";
540      PEN 1 : PRINT COUNT ;
550      PEN 2 : PRINT "MOVES"
560      GOTO 790

```

```

570      :
600      MODE 0 : PEN 3 : BORDER 12
610      LOCATE 6,2 : PRINT "LEAP-FROG"
620      EMPTY = 5 : COUNT = 1
630      ASPACE = 32 : ADIAMOND = 231 : ASQUARE = 233
640      LOCATE 3,13
650      PRINT "move"
660      PRINT "▲" CHR$(204) STRING$(4,CHR$(208)) CHR$(205)
670      PRINT "▲" CHR$(211) SPACE$(4) CHR$(209)
680      PRINT "▲" CHR$(205) STRING$(4,CHR$(210)) CHR$(204)
690      RETURN

```

```

700      :
730      DI : XSAVE = POS(#0) : YSAVE = VPOS(#0) : LOCATE 1,11 :
        PEN INT(RND(1) * 4 + 1) : PRINT "YOUR MOVE" : EI
740      LOCATE XSAVE, YSAVE : RETURN

```

```

750      :
780      DI : LOCATE 1,18 : PEN 1 : PRINT "bye▲for▲now"
790      LOCATE 4, 22 : PRINT "Press▲a▲key▲for▲" : LOCATE 4, 24
        : PRINT "another game"
800      IF INKEY$ = "" THEN 800 ELSE RUN

```

ChexSum Tables

60	=	311	270	=	201	560	=	247
70	=	521	275	=	0	570	=	0
80	=	987	280	=	361	600	=	656
90	=	1497	290	=	295	610	=	1210
100	=	1717	300	=	254	620	=	1587
110	=	433	340	=	1868	630	=	3245
120	=	1147	350	=	1088	640	=	300
130	=	247	360	=	3642	650	=	730
135	=	0	370	=	1249	660	=	2649
140	=	583	380	=	4893	670	=	1943
150	=	219	390	=	1802	680	=	2651
160	=	1024	400	=	2774	690	=	201
170	=	751	410	=	1566	700	=	0
180	=	256	450	=	1019	730	=	5780
190	=	1138	460	=	6199	740	=	1512
200	=	1013	470	=	247	750	=	0
210	=	240	480	=	0	780	=	2101
220	=	448	510	=	900	790	=	3808
230	=	433	520	=	1571	800	=	1572
240	=	220	530	=	1248			
250	=	1298	540	=	1083			
260	=	697	550	=	921	TOTAL	=	78553