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0 DIM C$(39), C$(39), H%(6,20), HS%(6), X%(39), T%(20), NP%, A, B, C, P, T, X, Y, Z: Z=RND(-TI)
1 PRINT "HOW MANY PLAYERS?"
2 GETAS$: IF AS$="" THEN 2: POKE53280,0: POKE53281,0: POKE53265,27: PRINT "HOW MANY PLAYERS?"
3 POKE53265,11: NP%=VAL(AS$): PRINT "NAME": POKE53281,1
10 DATA "LD", "AID", "ICK", "LATER", "JAM", "TARR", "QUE", "Z", "Z", "RS", "IPPY", "OILL TOWER"
11 DATA "EL", "DEE", "HIRLEY", "ANTCOOK", "IARB", "WIRE", "ILL LORED", "AN", "EE"
12 DATA "AC", "RONI", "LELLY", "XISION", "ARY", "OLD", "IEN", "OVER", "RANK", "N", "TEIN"
13 DATA "OILL", "JUM", "JOB", "PP", "JOHN", "NEE", "ARK", "IME"
14 DATA 12,4,10,5,8,3,14,5,13,15,7,7,2,7,5,10,4,10,13,6
15 READ C$(1): FOR X=2 TO 39 STEP 2: READ C$: C$(X)=C$: C$(X+1)=C$: NEXT: READ C(1)
16 FOR X=2 TO 39 STEP 2: READ C: C(X)=C: C(X+1)=C: NEXT: GOTO 100
50 :
51 X%=0
52 FOR X=1 TO NP%: IF X%=39 THEN RETURN
53 HS%(X)=HS%(X)+1
54 CA=INT(39*RND(1))+1: IF X%(CA) THEN 54
55 X%=X%+1: X%(CA)=1: H%(X, HS%(X))=CA: NEXT: GOTO 52
60 :
61 FOR X=1 TO HS%(P): FOR Y=1 TO HS%(P)
62 IF C$(H%(P,X))=C$(H%(P,Y)) AND X<>Y THEN H%(P,X)=0: H%(P,Y)=0
63 NEXT: NEXT: T=0: FOR X=1 TO HS%(P): IF H%(P,X) THEN T=T+1: T%(T)=H%(P,X)
64 NEXT: HS%(P)=T: FOR X=1 TO T: H%(P,X)=T%(X): NEXT: POKE53265,27: RETURN
70 PRINT "S": FOR X=1 TO 24: PRINT "S": NEXT
71 FOR X=1984 TO 2022: POKE X,160: NEXT: FOR X=X TO 1063 STEP -40: POKE X,160: NEXT
72 POKE53265,27: IF HS%(P)=0 THEN PRINT "S": RETURN
73 XX=0: YY=0: FOR X=1 TO HS%(P): AS=C$(H%(P,X)): FOR Y=1 TO LEN(AS)
74 IF MID$(AS,Y,1)<>" " THEN NEXT
75 A=Y-1: FOR Y=0 TO 0: NEXT: A1$=" "+LEFT$(LEFT$(AS,A)+" ",8)
76 A2$=" "+LEFT$(MID$(AS,A+2,LEN(AS))+",8): POKE214,YY: PRINT: PRINT TAB(XX);
77 POKE646,C(H%(P,X)): XX=XX+10: IF XX=40 THEN XX=0: YY=YY+3
78 PRINT "S"
79 RETURN
80 :
81 C=H%(B,A): H%(B,A)=0: HS%(P)=HS%(P)+1: H%(P, HS%(P))=C: T=0: FOR X=1 TO HS%(B)
82 IF H%(B,X) THEN T=T+1: T%(T)=H%(B,X)
83 NEXT: HS%(B)=T: FOR X=1 TO T: H%(B,X)=T%(X): NEXT: FOR X=1 TO HS%(P): FOR Y=1 TO HS%(P)
84 IF C$(H%(P,X))=C$(H%(P,Y)) AND X<>Y THEN H%(P,X)=0: H%(P,Y)=0: GOSUB 87
85 NEXT: NEXT: T=0: FOR X=1 TO HS%(P): IF H%(P,X) THEN T=T+1: T%(T)=H%(P,X)
86 NEXT: HS%(P)=T: FOR X=1 TO T: H%(P,X)=T%(X): NEXT: RETURN
87 IF P=1 THEN PRINT "YOU MATCH "; POKE646,C(C): PRINT C$(C) " ": RETURN
88 PRINT " ": PRINT "LAYER" P "MATCHES ";
89 POKE646,C(C): PRINT C$(C) " ": FOR X=0 TO 500: NEXT: RETURN
99 :
100 GOSUB 50: P=1: GOSUB 70: PRINT "I SCARDING MATCHES...": FOR P=1 TO NP%: GOSUB 60: NEXT

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101 P=1:GOSUB70:FORX=1TONP%:IFHS%(X)=1ANDH%(X,1)=1THEN200
102 NEXT:IFHS%(2)=0THENPRINT"3 7 LAYER 2 HAS NO CARDS.":GOTO113
103 PRINT"3 7 LAYER 2 HAS"HS%(2)"CARDS.":IFHS%(2)=1THENPRINT"11. ";
104 PRINT:PRINT"030 WHICH CARD DO YOU WISH TO TAKE?":AS=""
105 PRINT"3-11":GETB$:IFB$=""THEN105
106 IFB$=CHR$(20)ANDAS<>""THENAS=LEFT$(AS,LEN(AS)-1):PRINT" 111":GOTO105
107 IFB$=CHR$(13)ANDAS<>""THEN110
108 IFB$<"0"ORB$>"9"ORLEN(AS)=2THEN105
109 AS=AS+B$:PRINTB$:GOTO105
110 PRINT" ":A=VAL(AS):AS="":IFA<10RA>HS%(2)THENPRINT"03 111":GOTO105
111 B=2:GOSUB80
112 P=1:GOSUB70
113 FORP=2TONP%:FORX=1TONP%:IFHS%(X)=1ANDH%(X,1)=1THEN200
114 NEXT:IFP<>NP%THEN118
115 P=NP%:IFHS%(1)=0THENPRINT"YOU HAVE NO CARDS.":FORX=0TO500:NEXT:GOTO101
116 PRINT"3 7 LAYER"P"TAKES ONE OF YOUR CARDS. 0":A=INT(HS%(1)*RND(1))+1
117 FORX=0TO500:NEXT:B=1:GOSUB80:GOTO101
118 B=P+1:IFHS%(B)=0THENNEXT
119 A=INT(HS%(B)*RND(1))+1:GOSUB80:NEXT
199 :
200 IFX=1THENPRINT"3 7 YOU ARE":GOTO202
201 PRINT"3 7 LAYER"X"IS";
202 PRINT"LEFT WITH THE OLD MAID."
203 PRINT"03 7 LAY AGAIN?"
204 GETA$:IFAS="Y"THENPOKE53265,11:RUN
205 IFAS="N"THENSYS2048
206 GOTO204

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