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50 INK 2 ,26,0
60 INK 0,0
70 INK 13,26
80 INK 4,1
90 BORDER 0
100 PAPER 13
110 MODE 1
120 CLS
130 aces=0
140 SYMBOL 240,207,73,73,73,73,73,239
150 T=0 : TOTAL = 0 : DOTAL =0
160 PEN 3 :PRINT"                                TWENTY-ONE"

170 PEN 0 :PRINT"-----
-----";
180 PRINT:PRINT" Dealer "
190 LOCATE 1,14: PRINT" You"
200 LOCATE 36,4 : PRINT"TOTAL";
210 LOCATE 36,14 : PRINT"TOTAL";
220 PEN 0 :LOCATE 1,24 : PRINT"-----
-----";

230 GOSUB 810
240 LOCATE 1,25 : PEN 3 : INPUT"                                PRES
S [ENTER] TO PLAY",K$
250 X=1 : Y=15 : TI=0
260 GOSUB 1070
270 TI=TI+1
280 FOR N=1 TO 8
290 LOCATE X,Y
300 Y=Y+1
310 PRINT C$(N)
320 NEXT
330 TOTAL = TOTAL + T
340 IF TOTAL<=21 THEN 380
350 IF aces>=1 THEN total=total-10
360 aces=aces -1
370 GOTO 380
380 IF TI=1 THEN X=X+7 : Y=15 : GOTO 260
390 LOCATE 37,19 : PEN 0: PRINT TOTAL
400 IF total>21 THEN 660
410 IF TI= 5 THEN GOTO 690
415 IN$=INKEY$
420 LOCATE 1,25 : PRINT"                                STICK OR T
WIST (S/T)"
430 IF INKEY$="T" OR IN$="t" THEN X=X+7 : Y=1
5 : GOTO 260
440 IF INKEY$="S" OR IN$="s" THEN 460: ELSE 4
30
450 CLEAR
460 X=1 : Y=5 : TI=0 :ACES=0
470 GOSUB 1070
480 TI=TI+1
490 FOR N=1 TO 8
500 LOCATE X,Y
510 Y=Y+1

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520 PRINT C$(N)
530 NEXT
540 DOTAL = DOTAL + T
550 IF DOTAL<=21 THEN 580
560 IF ACES>=1 THEN DOTAL=DOTAL -10
570 ACES=ACES-1
580 LOCATE 37,9 : PEN 0:PRINT DOTAL
590 IF DOTAL >21 THEN 720
600 IF T1=1 THEN X=X+7 : Y=5 : GOTO 470
610 IF DOTAL >21 THEN 720
620 IF T1= 5 THEN GOTO 750
630 IF DOTAL >= TOTAL THEN 780
640 X=X+7 : Y=5 : GOTO 470
650 REM ***** WIN OR LOO
SE *****
660 LOCATE 1,25 :PEN 2 : PRINT".....Y
OU BUST I WIN.....";
670 T=0
680 T=T+1 : IF T>400 THEN GOTO 120 : ELSE 680

690 LOCATE 1,25 :PEN 2 : PRINT".....YOU WIN W
ITH A FIVE CARD TRICK.....";
700 T=0
710 T=T+1 : IF T>400 THEN GOTO 120 : ELSE 710

720 LOCATE 1,25 :PEN 2 : PRINT".....Y
OU WIN I BUST.....";
730 T=0
740 T=T+1 : IF T>400 THEN GOTO 120 : ELSE 740

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750 LOCATE 1,25 :PEN 2 : PRINT".....I WIN WIT
H A FIVE CARD TRICK,....."
760 T=0
770 T=T+1 : IF T>400 THEN GOTO 120 : ELSE 770
780 LOCATE 1,25 :PEN 2 : PRINT".....
...I WIN....."
790 T=0
800 T=T+1 : IF T>400 THEN GOTO 120 : ELSE 800

810 REM
820 REM ***** BACK O
F CARDS *****
830 PEN 4
840 GOSUB 1630
850 LOCATE 1,15
860 FOR N=1 TO 8
870 PRINT B$(N)
880 NEXT
890 LOCATE 1,5
900 FOR N=1 TO 8
910 PRINT B$(N)
920 NEXT
930 x=8 : y=4
940 FOR n=1 TO 8

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950 y=y+1
960 LOCATE x,y
970 PRINT b$(n)
980 NEXT
990 x=8 : y=14
1000 FOR n=1 TO 8
1010 y=y+1
1020 LOCATE x,y
1030 PRINT b$(n)
1040 NEXT
1050 PEN 3
1060 RETURN
1070 REM
1080 REM ***** RANDOM NUMBER GENERATOR *****
1090 DEF FN R(X)=INT (RND*X)+1
1100 LET CARD=FN R(13)
1110 DEF FN R(X)=INT (RND*X)+1
1120 LET SUIT=FN R(4)
1130 REM
1140 REM ***** SORT OUT CARD *****
1150 IF CARD=1 THEN CARD$="1"
1160 IF CARD=2 THEN CARD$="2"
1170 IF CARD=3 THEN CARD$="3"
1180 IF CARD=4 THEN CARD$="4"
1190 IF CARD=5 THEN CARD$="5"
1200 IF CARD=6 THEN CARD$="6"
1210 IF CARD=7 THEN CARD$="7"
1220 IF CARD=8 THEN CARD$="8"
1230 IF CARD=9 THEN CARD$="9"
1240 IF CARD=10 THEN CARD$="10"
1250 IF CARD=11 THEN CARD$="11"
1260 IF CARD=12 THEN CARD$="12"
1270 IF CARD=13 THEN CARD$="13"
1280 IF CARD>10 THEN CARD=10
1290 IF card=1 THEN aces=aces+1
1300 IF card=1 THEN card=11
1310 T=CARD
1320 RESTORE
1330 READ G$
1340 IF G$=CARD$ THEN 1350 : ELSE 1330
1350 READ N$,A$,B$,C$,D$,E$,F$,G$
1360 IF N$="X" THEN N$=CHR$(240)
1370 IF SUIT=1 THEN S=226
1380 IF SUIT=2 THEN S=227
1390 IF SUIT=3 THEN S=228
1400 IF SUIT=4 THEN S=229
1410 IF A$="s" THEN A$=CHR$(S)
1420 IF B$="s" THEN B$=CHR$(S)
1430 IF C$="s" THEN C$=CHR$(S)
1440 IF D$="s" THEN D$=CHR$(S)
1450 IF E$="s" THEN E$=CHR$(S)
1460 IF F$="s" THEN F$=CHR$(S)
1470 IF G$="s" THEN G$=CHR$(S)
1480 IF SUIT=1 THEN PEN 0
1490 IF SUIT=2 THEN PEN 7
1500 IF SUIT=3 THEN PEN 7
1510 IF SUIT=4 THEN PEN 0
1520 REM
1530 REM ***** CARD SET-UP *****
1540 C$(1)= CHR$(150)+STRING$(5,CHR$(154))+CHR$(156)
1550 C$(2)= CHR$(149) +N$+" "+CHR$(149)
1560 C$(3)= CHR$(149)+A$+" "+A$+CHR$(149)
1570 C$(4)= CHR$(149)+B$+" "+C$+" "+D$+CHR$(149)
1580 C$(5)= CHR$(149)+E$+" "+F$+" "+E$+CHR$(149)
1590 C$(6)= CHR$(149)+G$+" "+G$+CHR$(149)
1600 C$(7)= CHR$(149)+" "+N$+CHR$(149)
1610 C$(8)= CHR$(147)+STRING$(5,CHR$(154))+CHR$(153)
1620 RETURN
1630 REM

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1640 REM ***** CARD
BACK *****
1650 B$(1) = CHR$(150)+STRING$(5,CHR$(154))+CHR$(156)
1660 B$(2) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1670 B$(3) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1680 B$(4) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1690 B$(5) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1700 B$(6) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1710 B$(7) = CHR$(149)+STRING$(5,CHR$(207))+CHR$(149)
1720 B$(8) = CHR$(147)+STRING$(5,CHR$(154))+CHR$(153)
1730 RETURN
1740 REM
1750 REM ***** DATA FOR CARD LAYOUT *****
1760 DATA 1,A," ", " ", "s", " ", " ", " ", " "
1770 DATA 2,2," ", " ", "s", " ", " ", "s", " "
1780 DATA 3,3," ", " ", "s", " ", "s", " ", " "
1790 DATA 4,4,"s", " ", " ", " ", " ", " ", "s"
1800 DATA 5,5,"s", " ", "s", " ", " ", " ", "s"
1810 DATA 6,6,"s", " ", "s", " ", " ", "s", "s"
1820 DATA 7,7,"s", "s", " ", "s", " ", "s", "s"
1830 DATA 8,8,"s", " ", "s", " ", "s", "s", "s"
1840 DATA 9,9,"s", "s", "s", "s", "s", " ", "s"
1850 DATA 11,J,"s", "s", "s", "s", "s", "s", "s"
1860 DATA 12,Q,"s", "s", "s", "s", "s", "s", "s"
1870 DATA 13,K,"s", "s", "s", "s", "s", "s", "s"
1880 DATA 10,X,"s", "s", "s", "s", "s", "s", "s"

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