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At the 1976 Atlanta Hamfest I was introduced to Technical Systems Consultants' fine software. Since I didn't have a computer, it didn't mean very much to me at the time. But Robert Uiterwyk (who has written some super software himself) had nothing but praise for them. Since getting my own computer, I have

purchased more software from TSC than all other sources combined. Now, I have nothing but praise for TSC software!

The Klingon Capture game was one of the first programs I bought from TSC, and is still one of my favorite computer games. I have used it many times to demonstrate my computer system. Like all TSC software, Klingon Capture is written in assembly language. While this has the advantage of fast execution time and requires a minimal amount of memory to run, it also has a disadvantage or two. I have one version or another of BASIC in my machine virtually all of the time. This means that I lose BASIC when I load the Klingon Capture game into the machine (both use low memory) I then have to reload BASIC to do something else after playing the game. It seemed much less bother to write a version of the game in BASIC, so here it is.

In Klingon Capture, unlike Startrek, you don't want to kill the Klingon. To win, you must capture him alive. You do this by destroying all of the sectors surrounding the Klingon, leaving him nowhere to move. It isn't as easy as it sounds. You are never really certain where the Klingon is, because he may (or may not) have moved since the Battle Computer determined his last known position. And does he ever like to move! He can move in any direction, but only one sector at a time — very much like the king in chess. He cannot move out of the Quadrant, and he cannot move into a previously destroyed sector.

You have an (approximate) 5% chance of Supernovas appearing in the Quadrant or of being attacked by the Klingon. A Supernova destroys the sector in which it appears. Therefore it is very much like getting an extra shot, except the location of the Supernova is determined (at random) by the computer, not by you. A

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10 REM KLINGON CAPTURE
20 REM BASED ON TSC'S 6800 MACHINE LANGUAGE GAME
30 REM WRITTEN IN TSC'S MICRO BASIC PLUS
40 REM BY
50 REM MICKEY E. FERGUSON
60 REM
65 REM LINE 70 GETS YOU 15 — 20 SHOTS
70 S=RND/5:IF S < 15 THEN 70:IF S > 20 THEN 70
80 PRINT:INPUT "INSTRUCTIONS (YES=1)",I:IF I <> 1 THEN 150
90 PRINT "YOUR MISSION, COMMANDER, IS TO CAPTURE A KLINGON BATTLE"
100 PRINT "CRUISER. YOU MUST NOT DESTROY THE KLINGON, BUT TAKE IT ALIVE."
110 PRINT "TO CAPTURE THE KLINGON, YOU MUST DESTROY ALL SECTORS"
120 PRINT "SURROUNDING IT. THE BATTLE COMPUTER WILL KEEP YOU INFORMED"
130 PRINT "OF ITS LAST KNOWN POSITION. GOOD LUCK AND REMEMBER THAT"
140 PRINT "WE ARE COUNTING ON YOU, COMMANDER."
150 PRINT:PRINT "YOU HAVE ";S;" SHOTS.":PRINT
155 REM INITIALIZE QUADRANT
160 DIM Q(9,9)
170 FOR X=0 TO 9:FOR Y=0 TO 9:Q(Y,X)=0
180 Q(0,X)=-1:Q(9,X)=-1:Q(Y,0)=-1:Q(Y,9)=-1:NEXT Y:NEXT X
185 REM LINES 190 — 200 GET KLINGON'S INITIAL POSITION
190 X=RND/10:IF X < 1 THEN 190:IF X > 8 THEN 190
200 Y=RND/10:IF Y < 1 THEN 200:IF Y > 8 THEN 200
205 REM PRINT KLINGON'S "PRESENT" POSITION
210 PRINT "KLINGON'S LAST KNOWN POSITION, SECTOR ";X;" , ";Y:PRINT
215 REM MOVE KLINGON (MAYBE)
220 IF S <= 0 THEN 530:C=X:D=Y
230 A=RND/10:IF A < C THEN X=X-1:IF A > C THEN X=X+1
240 IF X < 1 THEN X=1:IF X > 8 THEN X=8
250 A=RND/10:IF A < D THEN Y=Y-1:IF A > D THEN Y=Y+1
260 IF Y < 1 THEN Y=1:IF Y > 8 THEN Y=8
270 IF Q(Y,X) <> -1 THEN 280:X=C:Y=D:GOTO 230
275 REM PRINT MAP
280 FOR A=1 TO 8:FOR B=1 TO 8
290 IF Q(B,A)= 0 THEN PRINT " ";
300 IF Q(B,A)= -1 THEN PRINT "0 ";
310 NEXT B:PRINT SPC(1);A:NEXT A:PRINT
320 FOR A=1 TO 8:PRINT A:SPC(1)::NEXT A:PRINT
325 REM CHECK TO SEE IF BEING ATTACKED (5% CHANCE)
330 A=RND:IF A > 4 THEN 370
340 PRINT "THE ENTERPRISE HAS BEEN ATTACKED."
350 PRINT "PHASOR ENERGY USED TO REPLENISH SHIELDS.":S=S-1
360 PRINT S;" SHOTS REMAIN.":PRINT
365 REM CHECK FOR SUPERNOVA (5% CHANCE)
370 A=RND:IF A < .94 THEN 420
375 REM LOCATE SUPERNOVA
380 A=RND/10:IF A=X THEN 380:IF A < 1 THEN 380:IF A > 8 THEN 380
390 B=RND/10:IF B=Y THEN 390:IF B < 1 THEN 390:IF B > 8 THEN 390
400 Q(B,A)=-1
410 PRINT "SUPERNOVA IN SECTOR ";A;" , ";B:PRINT
420 INPUT "YOUR SHOT (X,Y) ",A,B:S=S-1
425 REM CHECK IF YOU SHOT KLINGON
430 IF A=X THEN IF B=Y THEN 540
435 REM CHECK IF SECTOR HAS ALREADY BEEN SHOT
440 IF Q(B,A)=-1 THEN 580:Q(B,A)=-1
445 REM CHECK TO SEE IF YOU WIN
450 FOR A=X-1 TO X+1:FOR B=Y-1 TO Y+1
460 IF A=X THEN IF B=Y THEN 480
470 IF Q(B,A) <> -1 THEN 210
480 NEXT B:NEXT A
490 PRINT "CONGRATULATIONS! COMMANDER!"
500 PRINT "YOUR MISSION IS A SUCCESS! THE KLINGON HAS BEEN"
510 PRINT "CAPTURED AND YOU HAVE ";S;" SHOTS REMAINING!"
520 END
530 PRINT "PHASORS OUT OF ENERGY. NO SHOTS LEFT.":GOTO 560
540 PRINT "CONGRATULATIONS, DUMMY!"
550 PRINT "YOU JUST FRIED THE KLINGON!"
560 PRINT "YOUR MISSION IS A TOTAL LOSS!"
570 END
580 PRINT "NICE GOING, DUMMY!"
590 PRINT "YOU JUST SHOT A PREVIOUSLY DESTROYED SECTOR!"
600 GOTO 210
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Program listing.

Klingon Capture Game

... bring 'em back alive!

THE KLINGON CAPTURE GAME IS A COMPUTER GAME THAT YOU CAN PLAY ON YOUR COMPUTER. IT IS A VARIATION OF THE CLASSIC "TIC-TAC-TOE" GAME. IN THIS GAME, YOU ARE THE CAPTAIN OF A STARSHIP AND YOU ARE TRYING TO CAPTURE A KLINGON. THE KLINGON IS LOCATED IN A SECTOR OF SPACE. YOU CAN SHOOT AT THE KLINGON WITH YOUR PHASORS. IF YOU HIT THE KLINGON, HE WILL BE CAPTURED AND YOU WILL WIN THE GAME. IF YOU MISS, THE KLINGON WILL ESCAPE AND YOU WILL LOSE. GOOD LUCK!

Sample run.

\$RUN

INSTRUCTIONS (YES=1)?

0

YOU HAVE 17 SHOTS.

KLINGON'S LAST KNOWN POSITION, SECTOR 8,8

*	*	*	*	*	*	*	*	*	1
*	*	*	*	*	*	*	*	*	2
*	*	*	*	*	*	*	*	*	3
*	*	*	*	*	*	*	*	*	4
*	*	*	*	*	*	*	*	*	5
*	*	*	*	*	*	*	*	*	6
*	*	*	*	*	*	*	*	*	7
*	*	*	*	*	*	*	*	*	8
1	2	3	4	5	6	7	8		

YOUR SHOT (X,Y)?

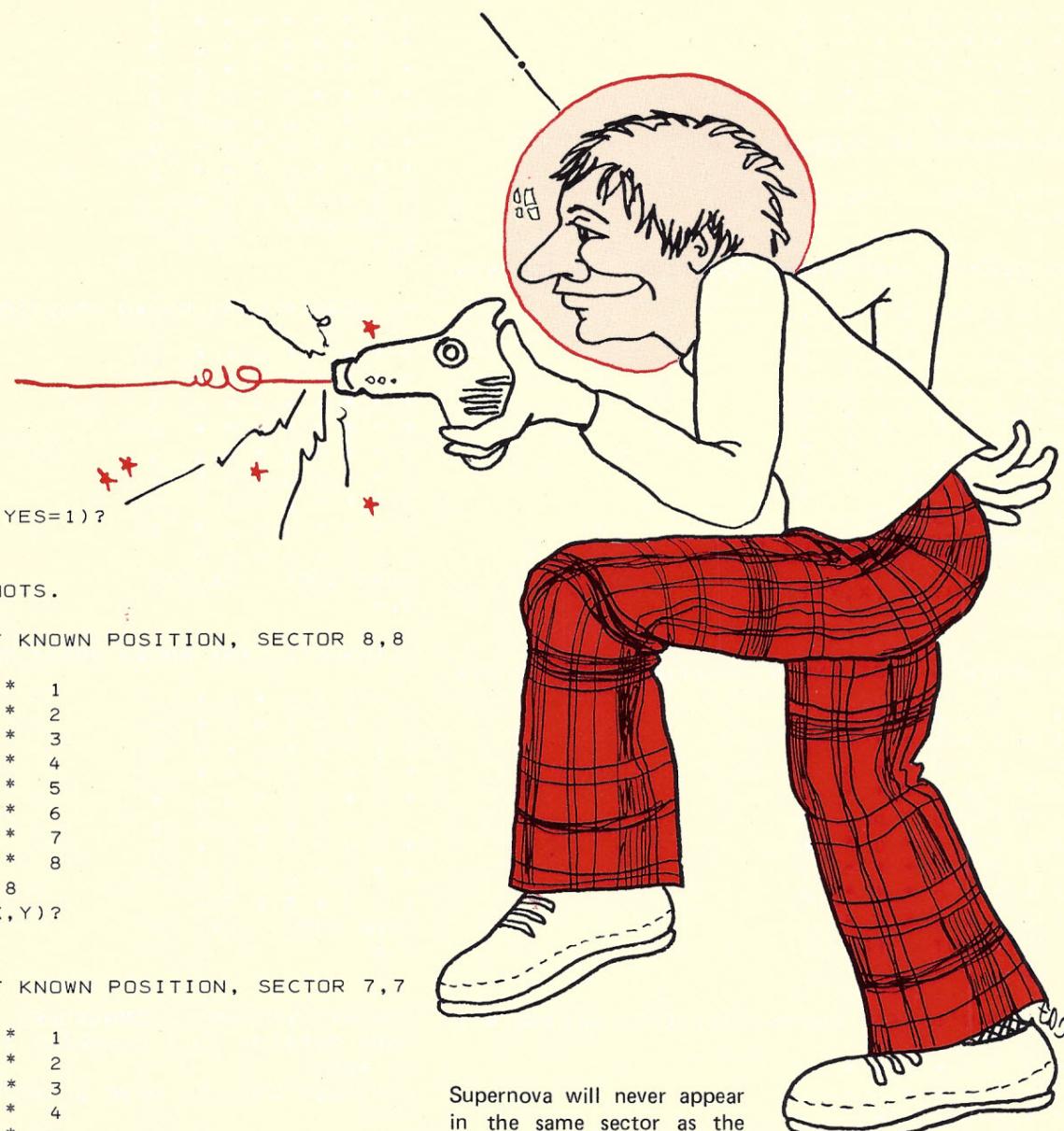
5,5

KLINGON'S LAST KNOWN POSITION, SECTOR 7,7

*	*	*	*	*	*	*	*	*	1
*	*	*	*	*	*	*	*	*	2
*	*	*	*	*	*	*	*	*	3
*	*	*	*	*	*	*	*	*	4
*	*	*	*	0	*	*	*	*	5
*	*	*	*	*	*	*	*	*	6
*	*	*	*	*	*	*	*	*	7
*	*	*	*	*	*	*	*	*	8
1	2	3	4	5	6	7	8		

YOUR SHOT (X,Y)?

6,5



Supernova will never appear in the same sector as the Klingon. If you are attacked by the Klingon, phasor energy will be used to replenish the ship's shields. This means you lose a shot. If the phasors run out of energy,

and you have not captured the Klingon, you lose the game. If you shoot the Klingon, you lose. Good hunting! ■