

BLAST

VA MAIN B
INIT_PROC A
BALLISTICS
V

TV camera

it of people

Schedule

```

V BALLISTICS;DIST;COUNT;OFF;I
OUT['']
OUT['THIS IS A PROGRAM TO SIMULATE THE FIRING OF A MISSILE']
OUT['YOU WILL BE TOLD THE DISTANCE TO THE TARGET WITH A MAXIMUM']
OUT['RANGE OF 46500 YARDS. YOU ENTER THE ANGLE WHICH THE MISSILE']
OUT['IS TO BE FIRED IN TENTHS OF DEGREES, AND THE COMPUTER TELLS']
OUT['YOU HOW CLOSE YOU GOT. YOU MUST GET WITHIN 100 YARDS TO']
OUT['SCORE A HIT.                                GOOD LUCK.']
OUT['']
START: DIST←QSC 46500 // COUNT←1
OUT['DISTANCE TO THE TARGET IS ';DIST;' YARDS.',CRLF]
RETRY: →0 IF 0>I←(,ININTSC)[1]
→DUMB IF 0.002≥OFF←100I÷900
→X IF 100≥|OFF←DIST-46500×OFF
OUT[(OFF,~OFF←50OFF<0)]['OVER SHORT';' BY ';|OFF;' YARDS.']
→RETRY // COUNT←COUNT+1
X: OUT['***** TARGET DESTROYED ***** ';COUNT;' ROUNDS EXPENDED',CRLF]
→START
DUMB: OUT[CRLF,'YOU FOOL GUNNER, YOU DESTROYED YOURSELF']
AGAIN: OUT[ '-----']
→AGAIN
V

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```
V IO←BOXES_FOR_TERM N
  (IO←(CREATEMAILBOX 1),CREATEMAILBOX 1) ATTACHTERMINAL N
V
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V INIT_PROC(OPARM) STATE
IO_BOXES←STATE
V

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V  STARTUP DUMMY
  IO_BOXES←BOXES_FOR_TERM 18
  OUT['ENTER SUBJECT TERMINALS.'].
  OUT['YOU ENTERED: ';A←[|ININTSC]
AG: OUT[(BOXES_FOR_TERM A[1]) CREATEPROCESS[3] 2] n FIRST_FUNCTION
  →AG IF 0<pA←1→A
  →2 // OUT['ALL UP AND RUNNING. . .']
V

```