

```
1  i j l=0:CLS
2  GOTO 500
10 DIM a$(10)
20 a$(0)=STRING$(200,"#")
30 POKE @a$(0),PEEK(&170)
40 POKE @a$(0)+1,&72
50 POKE @a$(0)+2,&1
60 FOR j=1 TO LEN(a$(0))
70 PRINT HEX$(ASC(MID$(a$(0),j)),2);" ";
80 NEXT
90 PRINT
100 FOR j=&172 TO &180
110 PRINT HEX$(PEEK(j),2);" ";
120 NEXT
130 END
500 DEFINT a-z
510 INPUT "Give variable name",a$
520 GOSUB 1000
530 REM q$ contains an inner code FOR the name
540 addr=&170:REM starting address
550 length=0
```

```

560 line1=0
570 bx=" "
580 WHILE PEEK(addr)+256*PEEK(addr+1)<>0
590 POKE @length,PEEK(addr)
600 REM length:=(addr) (length<=255)
610 POKE @bx,PEEK(addr)
620 POKE @bx+1,PEEK(@addr)
630 POKE @bx+2,PEEK(@addr+1)
640 POKE @line1,PEEK(addr+2)
650 POKE @line1+1,PEEK(addr+3)
660 IF INSTR(3,bx,qx)<>0 THEN PRINT USING
    "#####";line1;
670 addr=UNT(addr+length)
680 WEND
690 END
1000 REM give an inner representation
    for the ax
1010 qx=CHR$(0)+LEFT$(ax,LEN(ax)-1)
1020 qx=qx+CHR$(&80 OR ASC(RIGHT$(ax,1)))
1030 RETURN

```