

• MODEL SMALL

• DATA

MSG1 DB 0D1H, 0AH

RES DB 02H DUP(0)

• CODE

MOV AX, @DATA

MOV DS, AX

LEA DX, MSG1

CALL DISP

MOV AH, 01H

INT 21H

MOV BL, AL

MOV CL, 4

SHR AL, CL

CMP AL, 0AH

JC DIGIT

ADD AL, 07H

DIGIT:

ADD AL, 30H,

MOV RES, AL

AND BL, 0FH

CMP BL, 0AH

JC DIGIT.1

ADD BL, 07H

DIGIT1:

ADD BL, 30H

MOV RES+1, BL

10 MOV AH, 00H

MOV AL, 03H

INT 10H

MOV AH, 02H

15 MOV BH, 00H

MOV DH, 04H

MOV DL, 28H

MOV RES+2, '\$'

20 LEA DX, RES

CALL DISP

MOV AH, 4CH

INT 21H

25 DISP PROC NEAR

MOV AH, 09H

INT 21H

RET

DISP ENDP

30 END