

→ TO PRINT ASCII VALUES OF INPUT

.MODEL SMALL

.DATA

MSG1 DB 0DH, 0AH, "ENTER ALPHANUMERIC CHARACTER: \$"

RES DB 02H DUP(0)

.CODE

MOV AX, @DATA

MOV DS, AX

LEA DX, MSG1

CALL DISP

MOV AH, 01H ;

INT 21H

MOV BL, 1

MOV CL, 4

SHR AL, CL

CMP AL, 0AH

JL DIGIT

ADD AL, 07H

DIGIT: ADD AL, 30H

MOV RES, AL

AND BL, 0FH

CMP BL, 0AH

ADD BL, 07H

DIGIT 1:

ADD BL, 30H

MOV REG+1, BL

MOV AH, 00H

MOV AL, 03H

INT 10H

MOV AH, 02H

MOV BH, 00H

MOV DH, 01H

MOV DL, 28H

MOV REG+2

LEA DX, REG+3

CALL DISP

MOV AH, 4CH

INT 21H

DISP PROC NEAR

MOV AH, 09H

INT 21H

RET

DISP ENDP

END