

LAB-5

DISPLAY the ASCII equivalent

• MODEL SMALL

• DATA

MSG DB 0DH, 0AH

RES DB 02 DUP(0)

• CODE

MOV AX, @DATA

MOV DS, AX

LEA ~~MOV~~ DX, MSG1

CALL DISP

MOV AH, 01H

INT ~~21H~~ 21HMOV ~~BL~~ BL, AL

MOV CL, 4

SHR AL, CL

JC DIGIT

DIGIT: ADD BL, 30H

MOV REST, DL

MOV AH, 00H

MOV AL, 03H

INT 10H

MOV AH, 02H

MOV BH, 00H

MOV DH, 0CH

MOV DL, 28H

INT 10H

MOV REST+2

LEA DX, RES

CALL DISP

MOV AH, 4CH

INT 21H

DISP PROC NEAR

MOV AH, 0AH

INT 21H

RET

DISP ENDP

END