LAB3:--

PROGRAM:

.MODEL SMALL

.DATA

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

RES DB 02 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 DIGIT1

ADD BL,07H

DIGIT1: ADD BL,30H

MOV RES+1,BL

MOV AH,00H

MOV AL,03H

INT 10H

MOV AH,02H

MOV BH,00H

MOV DH,0CH

MOV DL,28H

INT 10H

MOV RES+2,'$'

LEA DX,RES

CALL DISP

MOV AH,4CH

INT 21H

DISP PROC NEAR

MOV AH,09H

INT 21H

RET

DISP ENDP

END

SCREENSHOT:--



WRITTEN:--

