

III sem

MP LAB

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IBH19CS176

3D section

D1-BATCH

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### PROGRAM-3

• MODEL SMALL

• DATA

MSG1 DB 0FH, 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, AL

MOV CL, 4

SHR AL, CL

CMP AL, 0AH

JC DIGIT

ADD BL, 07H

DIGIT:

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
```

```
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
```