To print ASCII value of input

Lab Program 3.

Name :- TUSHAR. A. PAI.
USN :- 1BM19CS174

```
.MODEL SMALL

.DATA
MSG1  DB  0DH, 0AH, "ENTER Alpha numerich CHARECTER:$"
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
```

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```
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

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
```