

Conversion of Alphanumeric into its ASCII

Program3.ASM

Page No.

day

style

4/11/20

.MODEL SMALL

.DATA

MSG1 DB 0DH,0AH,"Enter The Alphanumeric : \$"

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

Fantastic

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

MOV RES+2, '\$'

LEA DX, RES

CALL DISP

MOV AH, 4CH

INT 21H

DISP PROC, NEAR

MOV AH, 09H

INT 21H

RET

DISP END

END