```
. model small

display macro msg
LEA DX , msg
MOV AH, 09h
INT 21h
ENDM

. data
MSG1 db 0Dh, 0Ah, "Enter the character : $"
RES  db 03h dup(0)

. code
  MOV Ax, @ data
  MOV DS , Ax
  XOR Ax , Ax
  display msg1
  MOV ah, 01h
  int 21h
  mov bl, al
  mov cl, 04h
  SHR al, cl
  AND al, 0Fh
  CMP al, 0Ah
  JC digit
  Add al, 07h
digit : Add al, 30h
     MOV res, al
     and bl, 0Fh
     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 dl, 28h
     int 10h

     mov res+2, '$'
     display res
     mov ah, 4ch
     int 21h
     end
```