

**Q. Write a program to convert binary to ASCII.**

**CODE:**

.model small

.data

str1 db 10,13, "Enter the Binary Number : $"

str2 db 10,13, "ASCII Equivalent : $"

.code

.startup

lea dx,str1

call prints

call getVal

lea dx,str2

call prints

call printd

.exit

prints proc near

mov ah,9

int 21h

ret

prints endp

getVal proc near

mov cx,8

mov bl,0

ab:

mov ah,1

int 21h

sub al,30h

shl bl,1

add bl,al

loop ab

ret

getVal endp

printd proc near

mov dl,bl

mov ah,2

int 21h

ret

printd endp

end

**OUTPUT:**

