**MS-DOS Interrupts**

**Ex No 5**

**Date**

1.Getting a character from keyboard and displaying it in the output console

.model small

.data

.code

.startup

mov ah,01h

int 21h

mov dl,al

mov ah,02h

int 21h

.exit

end

2. Getting a string from keyboard and displaying it in the output console

Hint:

**INT 21h** / **AH=0Ah** - input of a string to **DS:DX**, fist byte is buffer size, second byte is number of chars actually read. this function does **not** add '$' in the end of string. to print using **INT 21h** / **AH=9** you must set dollar character at the end of it and start printing from address **DS:DX + 2**.

So for initializing an address for the storing a string should have a buffer size.

Ex: input db 10, ? ; input is the memory where the input string is stored with a buffer size as 10

**Assignment**

1. Rewrite program 1 in experiment 1, program 1 in experiment 4 and program 1 in experiment 5 by getting the inputs from user and printing in the output screen.