**EXPERIMENT N0-9**

AIM: Write an ALP to display message on monitor using BIOS interrupt

**CODE:**

data segment

msg1 db "Hello Microprocessor world using Bios Interrupt"

data ends

code segment

assume cs:code;ds:data

start:

mov ax,data

mov ds,ax

mov ax,0501h

int 10h

mov ah,02h

mov bh,01h

mov dx,0c30h

int 10h

mov bx,offset msg1

mov cx,0030h

more:

mov ah,02h

mov dl,[bx]

int 21h

inc bx

dec cx

jnz more

dun:

mov ah,07h

int 21h

cmp al,'q'

jne dun

mov ax,0500h

int 10h

mov ax,4c00h

int 21h

code ends

end start

**OUTPUT:**

