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SE-4-D

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: