COMPUTER ORGANIZATION AND ARCHITECTURE LAB

<u>Lab Assignment – 1</u>

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CSE-F

1Q. Write a program in assembly language to print "Hello World".

CODE:-

org 100h

jmp start

msg: db "HELLO, WORLD!", 0DH, 0Ah, 24h

start: mov dx, msg

mov ah, 09h

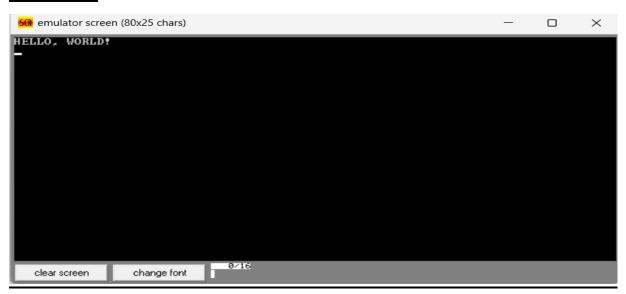
int 21h

mov ah, 0h

int 16h

ret

OUTPUT:-



PRACTICE SET:-

2Q. Write an assembly language program to print your name.

CODE:-

```
org 100h
jmp start
msg: db "HARSHITH NELLORE", 0DH, 0Ah, 24h
start: mov dx, msg
mov ah, 09h
int 21h
mov ah, 0h
int 16h
```

OUTPUT:-

ret

