

COMPUTER ORGANIZATION AND ARCHITECTURE LAB

Lab Assignment – 1

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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
ret
```

OUTPUT:-

