

## COMPUTER ORGANIZATION AND ARCHITECTURE – LAB TASK 1

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1. 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, 0

       int  16h

ret
```

### RESULT:



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

**CODE:**

```
org 100h

jmp start

msg: db  "VISHNU PRIYA", 0Dh, 0Ah, 24h

start: mov  dx, msg
       mov  ah, 09h
       int  21h

       mov  ah, 0
       int  16h

ret
```

**RESULT:**

