

COA

LAB TASK-1

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
```

Output:



COA LAB TASK-1

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

Code:

```
org 100h
jmp start
msg: db "Aniket Mishra", 0Dh, 0Ah, 24h
start: mov dx, msg
      mov ah, 09h
      int 21h
      mov ah, 0
      int 16h
ret
```

Output:

