

LAB ASSIGNMENT-1

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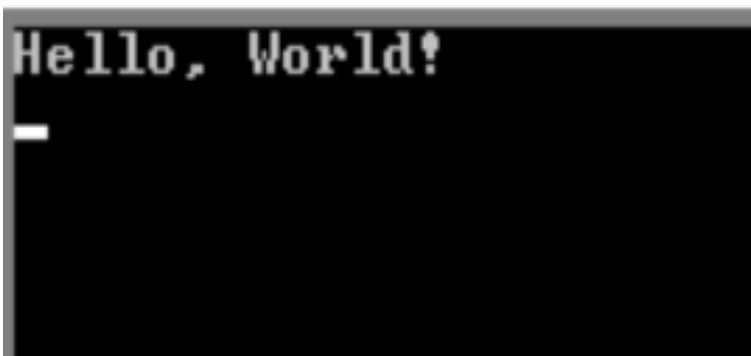
CSE-F

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:

A screenshot of a terminal window with a black background. The text "Hello, World!" is displayed in a light gray, monospaced font. Below the text, there is a single horizontal line representing a cursor.

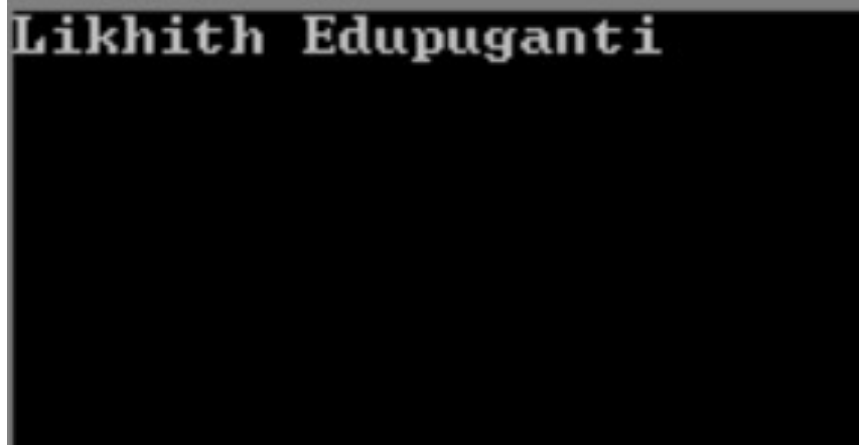
Practice set:

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

Code:

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

Output:



```
Likhith Edupuganti
```