Computer Organisation & Architechture LAB TASK 1

AP22110010351

CSE F

NIKITHA KOMMALAPATI

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

   Ans: org 100h

   jmp start

   msg: db   "HELLO WORLD", 0Dh,0Ah, 24h
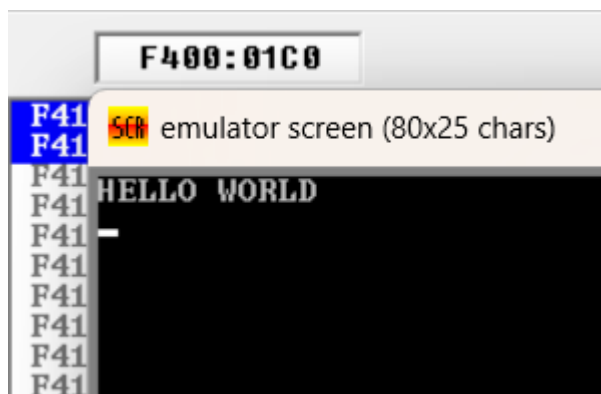
   start: mov   dx, msg

   mov   ah, 09h

   int   21h

   mov   ah, 0

   int   16h

   ret

   OUTPUT:

Computer Organisation & Architechture LAB TASK 1

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

```
org 100h

jmp start

msg:    db      "NIKITHA KOMMALAPATI", 0Dh,0Ah, 24h

start:  mov     dx, msg

 mov     ah, 09h

  int    21h

 mov ah,0

 int 16h

 ret
```

OUTPUT: