

# **Microprocessors and Microcontrollers**

## **Lab Internal**

**ELE-306L**

### **Submitted by-**

Name- Shreya Sheel Sachan

Section - C

Batch- C1

Roll No - 1913114

Id- BTBTC19088

Branch-Computer Science

Semester - VIth

## ● Program to count the length of a string

**AIM-** Count the length of a string

**CODE-**

```
org 100h
jmp start
STR1 DB "Shreya#"
LEN DB 0
start:
MOV SI, OFFSET STR1
UP: MOV AL, [SI]
CMP AL, '#'
JZ DN
INC LEN
INC SI
LOOP UP
DN: MOV DL, LEN
hlt
```

**OUTPUT-**

