Program to display string length using pointers

Algorithm

Step1 : Start

Step2 : Read str

Step3 : length = string-ln(str)

Step4 : Display output

Step5 : stop

string - ln (char *p)
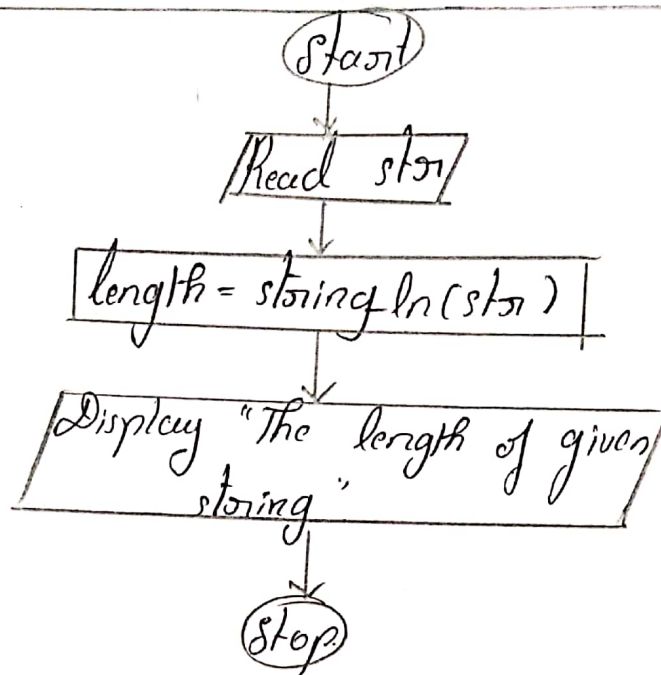
Step1 : Entry

Step2 : int count = 0

Step3 : while (*p != '\0')
count++
p++

Step4 : return count

Step5 : End.

Flowchart

```
        (Start)
           │
           ▼
      /Read str/
           │
           ▼
  | length = stringln (str) |
           │
           ▼
  /Display "The length of given
           string "/
           │
           ▼
        (Stop)
```

String-ln(char *p)

```
        (Entry)
           │
           ▼
  | int count = 0 |
           │
           ▼
         /while ( *p!
            = '\0' )/
           │
           ▼
  | count++
      p++ |
           │
           ▼
  | return count |
           │
           ▼
        (End)
```