

STRING-LENGTH.CPP source

```
/*
 * Program to find string length without
 * using strlen function
 */

#include <iostream>
using namespace std;

int main() {

    char str[100];
    int length = 0;

    cout<<"Enter the string: ";
    cin>>str;

    // Example string="Hello" = {'H','e','l','l','o','\0'}
    // length is initially zero
    // str[0] = 'H' != '\0'; so length+=1 and continue loop
    // ...
    // str[5] = '\0' == '\0' stop looping
    // print 5
    while(str[length]!='\0') {
        length++;
    }
    cout<<"The length of given string: "<<length<<endl;
    return 0;
}
```

STRING-LENGTH.CPP output

Enter the string: Hello

The length of given string: 5