```c
/*
 Exp : 8 (Task 1)
 Title : WAP to find the length of a string without using library function.
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*/
#include <stdio.h>
int main() {
 char str[100];
 int length = 0;
 printf("Enter a string: ");
 fgets(str, sizeof(str), stdin);
 while (str[length] != '\0' && str[length] != '\n') {
 length++;
 }
 printf("The length of the string is: %d\n", length);
 return 0;
}
/*
 ****OUTPUT:****
Enter a string: 45678
The length of the string is: 5
```