Find the Length of String  
The given code aims to calculate the length of a C-style string (a character array terminated by a null character '\0'). It provides two approaches to calculate the length: one using a custom function and the other using the **strlen** function from the **<cstring>** library.

Example: Suppose the user enters the name "John Doe" as input. The code will calculate the length of the name using both approaches and display the results as output.

Explanation: The code has two functions: **getLength** and **getLengthStrLen**, which both take a C-style string as input and return its length.

**Approach 1: Function to calculate the length of a C-style string**

* This approach iterates through each character of the string until it encounters the null character ('\0').
* It uses a **for** loop to increment a count variable for each character encountered.
* The loop terminates when the null character is found, indicating the end of the string.
* The count is returned as the length of the string.

**Time Complexity: O(n), where n is the length of the string. In the worst case, it iterates through the entire string once.**

**Space Complexity: O(1). It uses a single variable (count) to store the length.**

**Approach 2: Function to calculate the length of a C-style string using strlen function**

* This approach utilizes the **strlen** function from the **<cstring>** library.
* **strlen** is a standard C library function that returns the length of a null-terminated string.
* It calculates the length by scanning the string until it reaches the null character.
* The length returned by **strlen** is directly used as the result.

**Time Complexity: O(n), where n is the length of the string. The strlen function scans the entire string once.**

**Space Complexity: O(1). It does not require any additional space.**