

C++ String length()

This function is used to find the length of the string in terms of bytes.

This is the actual number of bytes that conform the contents of the string , which is not necessarily equal to the storage capacity.

Syntax

```
int len = s1.length();
```

Parameters

This function contains single parameter.

Return Value

This function returns the integer value in terms of bytes.

Here, s1 is a string and strlen function calculates the length of the string s1 and stores its value in len variable.

Example 1

```
#include<iostream>
using namespace std;
int main()
{
    string s1 = "Welcome to javatpoint";
    int len = s1.length();
    cout<< "length of the string is : " << len;
```

```
return 0;  
}
```

Output:

```
Length of the string is 21
```

Consider a string s1 and s1 contains value i.e Welcome to javatpoint .We calculate the length of the string using strlen function and stores in variable len.

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