C++ String size()

This function is used to return the length of the string in terms of bytes. It defines the actual number of bytes that conform to the contents of the string object which is not necessarily equal to the capacity.

Syntax

Consider a string object named as **'str'**. To calculate the size of this string object, its syntax would be :
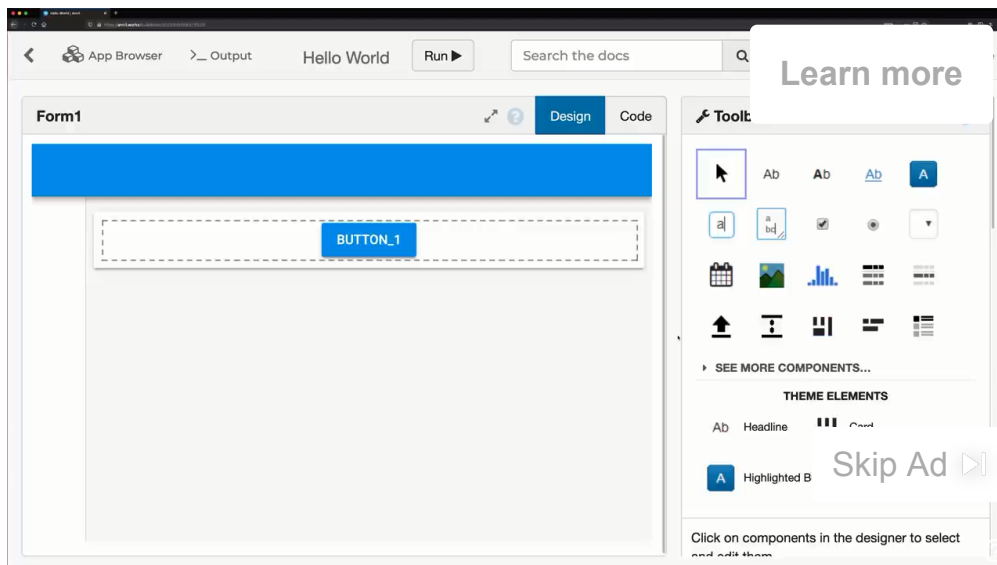
str.size()

Parameters

This function does not contain any parameter.

Return Value

This function returns the number of characters present in the string object.

Example 1

```
#include<iostream>
using namespace std;
int main()
{
string str ="Welcome to the javatpoint tutorial";
int size = str.size();
cout << "length of the string is :" <<size;
return 0;
}
```

Output:

```
length of the string is : 34
```

In this example, str is a string object containing value "Welcome to the javatpoint tutorial". We calculate the length of the string using 'size' function.

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