

C++ String at()

This function is used for accessing individual characters.

Syntax

Consider a string str. To find the position of a particular character, its syntax would be

```
str.at(pos);
```

Parameters

pos : It defines the position of the character within the string.

Return value

It returns the character specified at that position.

Example 1

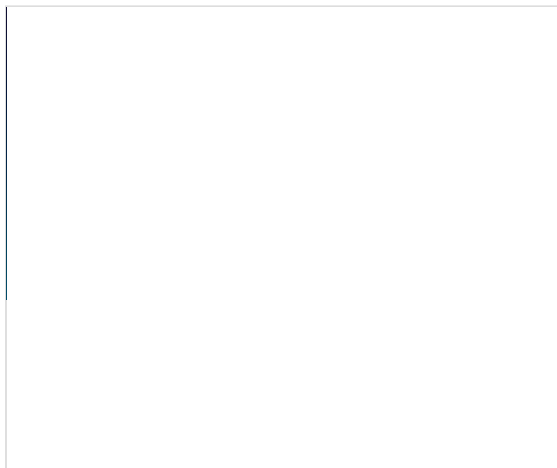
```
#include<iostream>
using namespace std;
int main()
{
string str = "Welcome to javatpoint tutorial";
cout<<"String contains :";
for(int i=0; i<str.length(); i++)
{
cout<< str.at(i);
}
```

```
cout<<"\n";  
cout<<"String is shown again";  
for(int j=0 ; j<str.length(); j++)  
{  
    cout<< str[j];  
}  
return 0;  
}
```

Output:

```
String contains Welcome to javatpoint tutorial
```

Example shows that we can access the characters by using either the member function `at()` or the subscript operator `[]`.

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