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# C++ string Library

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## C++ string Functions

The `<string>` library has many functions that allow you to perform tasks on strings.

A list of popular string functions can be found in the table below.

Function	Description
<code>at()</code>	Returns an indexed character from a string
<code>length()</code>	Returns the length of a string
<code>size()</code>	Alias of <code>length()</code> . Returns the length of a string
<code>max_size()</code>	Returns the maximum length of a string
<code>empty()</code>	Checks wheter a string is empty or not
<code>append()</code>	Appends a string (or a part of a string) to another string
<code>substr()</code>	Returns a part of a string from a start index (position) and length
<code>find()</code>	Returns the index (position) of the first occurrence of a string or character
<code>rfind()</code>	Returns the index (position) of the last occurrence of a string or character
<code>replace()</code>	Replaces a part of a string with another string
<code>insert()</code>	Inserts a string at a specified index (position)