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JavaScript String Reference

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JavaScript Strings

A JavaScript string stores a series of characters like "John Doe".

A string can be any text inside double or single quotes:

```
let carName1 = "Volvo XC60";  
let carName2 = 'Volvo XC60';
```

Try it Yourself »

String indexes are zero-based:

The first character is in position 0, the second in 1, and so on.

For a tutorial about Strings, read our [JavaScript String Tutorial](#).

String Properties and Methods

Normally, strings like "John Doe", cannot have methods or properties because they are not objects.

But with JavaScript, methods and properties are also available to strings, because JavaScript treats strings as objects when executing methods and properties.

JavaScript String Methods

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charCodeAt()	Returns the Unicode of the character at a specified index
concat()	Returns two or more joined strings
constructor	Returns the string's constructor function
endsWith()	Returns if a string ends with a specified value
fromCharCode()	Returns Unicode values as characters
includes()	Returns if a string contains a specified value
indexOf()	Returns the index (position) of the first occurrence of a value in a string
lastIndexOf()	Returns the index (position) of the last occurrence of a value in a string
length	Returns the length of a string
localeCompare()	Compares two strings in the current locale
match()	Searches a string for a value, or a regular expression, and returns the matches
prototype	Allows you to add properties and methods to an object
repeat()	Returns a new string with a number of copies of a string
replace()	Searches a string for a pattern, and returns a string where the first match is replaced
replaceAll()	Searches a string for a pattern and returns a new string where all matches are replaced
search()	Searches a string for a value, or regular expression, and returns the index (position) of the match
slice()	Extracts a part of a string and returns a new string
split()	Splits a string into an array of substrings
startsWith()	Checks whether a string begins with specified characters
substr()	Extracts a number of characters from a string, from a start index (position)
substring()	Extracts characters from a string, between two specified indices (positions)



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<code>toLowerCase()</code>	Returns a string converted to lowercase letters
<code>toString()</code>	Returns a string or a string object as a string
<code>toUpperCase()</code>	Returns a string converted to uppercase letters
<code>trim()</code>	Returns a string with removed whitespaces
<code>trimEnd()</code>	Returns a string with removed whitespaces from the end
<code>trimStart()</code>	Returns a string with removed whitespaces from the start
<code>valueOf()</code>	Returns the primitive value of a string or a string object

Note

All string methods return a new value.

They do not change the original variable.

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String HTML Wrapper Methods

HTML wrapper methods return a string wrapped inside an HTML tag.

These are not standard methods, and may not work as expected.

Method	Description
<code>anchor()</code>	Displays a string as an anchor
<code>big()</code>	Displays a string using a big font
<code>blink()</code>	Displays a blinking string