

JavaScript String Methods

JS

substr()	indexOf()	trim()
substring()	includes()	charAt()
replace()	slice()	valueOf()
search()	concat()	split()
toLocaleLowerCase()	lastIndexOf()	toString()
toLocaleUpperCase()	charCodeAt()	match()

JavaScript: String Methods

[December 7, 2021](#) | [By Admin](#) | [Leave a Comment](#)

String methods in JavaScript; In this javascript tutorial, you will learn most useful and important string methods/functions in javascript. Javascript string methods help to manipulate strings in javascript.

We will demonstrate javascript [string](#) methods like javascript string replace, javascript string contains, javascript string length, javascript string concatenation, javascript string substring, remove the character from string javascript, javascript string uppercase, javascript string lowercase, string trim, toString method, a match in the string, split string in javascript, javascript string substr, trim string, [array](#) to comma-separated string, etc.

You need to know some of the most important and useful javascript string methods/Functions.

JavaScript String Methods

The following important and useful javascript string methods:

- Length Method
- toLocaleLowerCase() Method
- toLocaleLowerCase() Method
- indexOf() Method
- search() Method
- slice() Method
- substring() Method
- substr() Method
- replace() Method
- includes() Method
- concat() Method
- charAt() Method
- charCodeAt() Method
- lastIndexOf() Method
- trim() Method
- match() Method
- split() Method
- toString() Method
- valueOf() Method

1. length() Method

It is used to count the number of characters in a string javascript.

Example

```
1 | var lng = "Hello Tutsmake";  
2 | var x = lng.length;
```

Output

```
// return  
14
```

2. toLocaleLowerCase() Method

The javascript toLocaleLowerCase() is used to changed string into lower case.

Example

```
1 | var str = "Hello Dev!";  
2 | var res = str.toLocaleLowerCase();
```

Output
// return
hello dev!

3. toLocaleUpperCase() Method

The javascript toLocaleUpperCase () is used to changed string into upper case.

Example

```
1 | var str = "Hello Dev!";  
2 | var res = str.toLocaleUpperCase();
```

Output
// return
HELLO DEV!

4. indexOf() Method

The indexOf () method returns the first position of a specified value in a string.

Example

```
1 | var txt = "Lets find where 'pen' occurs!";  
2 | var test = txt.indexOf("pen");
```

Output

```
// return  
17
```

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5. search() Method

The javascript search () method searches a string for the specified value, and returns the status of the match.

Example

```
1 | var str = "hello dev!";  
2 | var n = str.search("dev");
```

Output
//Return
6

6. slice() Method

The slice () method removes the parts of a string and returns the extracted parts to a new string.

Use the Start and End Ultimate to specify the part of the string that you want to remove.

Example

```
1 | var str = "Developers world!";  
2 | var res = str.slice(0, 10);
```

Output
// return
Developers

7. substring() Method

The Javascript substring() method is used to removes the characters from one string, between two specified indices, and returns the new substring.

Example

```
1 | var str = "Hello dev!";  
2 | var res = str.substring(1, 4);
```

Output
//return
ell

8. substr() Method

A string substr() method begins on the character in the specified position, and returns the specified number of characters.

Example

```
1 | var str = "Hello dev!";  
2 | var res = str.substr(1, 4);
```

Output
//return

```
ello
```

9. replace() Method

The Javascript replace() changes the defined value to an another value:

Example

```
1 | var str = "Hello Dev!";  
2 | var res = str.replace("Dev", "World");
```

Output
// return
Hello World

10. includes() Method

The includes() method is used to determine whether a string contains the characters of a specified string or not. If is exist return true or not return false.

Example

```
1 | var str = "Hello world, my name is tutsmake."  
2 | var n = str.includes("name");
```

```
Output
// return
True
```

[More Examples of javascript Include\(\) function](#)

11. concat() Method

The concat() method is used for join two or more strings.

Example

```
1 var str1 = "Hello ";
2 var str2 = "keny!";
3 var res = str1.concat(str2);
```

```
Output
// return
Hello Keny
```

12. charAt() Method

The Javascript charAt() is used to take a character to a described index location:

Example

```
1 var txt = "Hello Keny";
2 txt.charAt(0);
```

```
Output
// return
H
```

13. charCodeAt() Method

The `charAt()` method returns the Unicode of the character at a specified index in a string:

Example

```
1 | var str = "TEST";  
2 | str.charAt(0);
```

Output
// return
84

14. lastIndexOf () Method

The `lastIndexOf()` the method returns the index of the **last** occurrence of a specified text in a string:

Example

```
1 | var str = "Your are talented dev";  
2 | var pos = str.lastIndexOf("dev");
```

Output
// return
18

15. trim() Method

The javascript `trim()` method removes whitespace from both sides of a given string:

Example

```
1 | var str = "    Trim Both Side    ";  
2 | alert(str.trim());
```



```
Output
// return
Trim Both Side
```

16. match() Method

The match() method searches a string for a match against a regular expression, and returns the matches, as an Array [object](#).

Example

```
1 | var str = "lopersum lopersum lopersum lopersum.";
2 | var res = str.match(/sum/g);
```

```
Output
// return
sum, sum, sum, sum
```

17. split Method

The javascript split method, which is used to convert string to an array:

Example

```
1 | var str = "1,2,3,4,5";
2 | var arr = str.split(",");
3 | document.write(arr[0]);
4 | document.write("<br>");
5 | document.write(arr[1]);
```

```
Output
// return
1
2
```

18. toString() Method

The javascript toString() method returns the value of a String object.

Example

```
1 | var str = "JavaScript World!";  
2 | var res = str.toString();
```

Output
// return
JavaScript World!

19. valueOf() Method

The javascript valueOf() method, which is used to gets the primitive value of a String object.

Example

```
1 | var str = "JavaScript World!";  
2 | var res = str.valueOf();
```

Output
// return
JavaScript World!

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