



JavaScript String Methods

`length``trimStart()``match()``slice()``trimEnd()``matchAll()``sub()``padStart()``includes()``substr()``padEnd()``startsWith()``replace()``charAt()``endsWith()``replaceAll()``charCodeAt()``toUpperCase()``split()``toLowerCase()``indexOf()``concat()``lastIndexOf()``trim()``search()`

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1

length

Returns the length of the string



```
'hello'.length; // returns 5
```

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2

slice()

Extracts a portion of a string and returns a new string.

```
'hello world'.slice(6, 11); // returns 'world'
```

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sub()

Extracts a portion of a string and returns a new string. **Deprecated** in favor of `substring()`.

```
'hello world'.sub(6, 11);  
// returns 'world'
```

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substr()

Extracts a portion of a string, starting from the specified position, and returns a new string.

```
'hello world'.substr(6, 5);  
// returns 'world'
```

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replace()

Replaces a specified value or regular expression in a string with another value.

```
'hello world'.replace('world', 'everyone');  
// returns 'hello everyone'
```

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replaceAll()

Replaces all occurrences of a specified value or regular expression in a string with another value.

```
'hello world'.replaceAll('l', 'x');  
// returns 'hexxo worxd'
```

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toUpperCase()

Converts a string to uppercase letters.

```
'hello'.toUpperCase();  
// returns 'HELLO'
```

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toLowerCase()

Converts a string to lowercase letters.

```
'HELLO'.toLowerCase();  
// returns 'hello'
```

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concat()

Joins two or more strings and returns a new string.

```
'hello'.concat(' ', 'world');  
// returns 'hello world'
```

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trim()

Removes whitespace from both ends of a string.

```
' hello '.trim();  
// returns 'hello'
```

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trimStart()

Removes whitespace from the beginning of a string.

```
' hello '.trimStart();  
// returns 'hello '
```

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trimEnd()

Removes whitespace from the end of a string.

```
' hello '.trimEnd();  
// returns ' hello '
```

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padStart()

Pads a string with another string until it reaches a specified length. The padding is applied from the start of the string.

```
'hello'.padStart(10, '*');  
// returns '*****hello'
```

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padEnd()

Pads a string with another string until it reaches a specified length. The padding is applied from the end of the string.

```
'hello'.padEnd(10, '*');  
// returns 'hello*****'
```

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charAt()

Returns the character at the specified position in a string.

```
'hello'.charAt(1);  
// returns 'e'
```

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charCodeAt()

Returns the Unicode value of the character at the specified position in a string.

```
'hello'.charCodeAt(1);  
// returns 101
```

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split()

Splits a string into an array of substrings.

```
'hello world'.split(' ');  
// returns ['hello', 'world']
```

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indexOf()

Returns the index of the first occurrence of the specified value in a string, or -1 if it is not present.

```
"Hello World".indexOf("World")  
// returns 6
```

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lastIndexOf()

Returns the index of the last occurrence of the specified value in a string, or -1 if it is not present.

```
"Hello World".lastIndexOf("o")  
// returns 7
```

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search()

Searches a string for a specified value and returns the position of the match.

```
"Hello World".search(/world/i)  
// returns 6
```

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match()

Searches a string for a match against a regular expression, and returns the matches as an array.

```
"Hello World".match(/o/g)  
// returns ["o", "o"]
```

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matchAll()

Returns an iterator of all matches of a regular expression in a string.

```
"Hello World".matchAll(/o/g)  
// returns an iterator object
```

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includes()

Determines whether a string contains the specified value.

```
"Hello World".includes("World")  
// returns true
```

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startsWith()

Determines whether a string begins with the specified characters.



```
"Hello World".startsWith("Hello")  
// returns true
```

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endsWith()

Determines whether a string ends with the specified characters.

```
"Hello World".endsWith("World")  
// returns true
```

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Frontend Developer



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