

JavaScript String Methods

- description : JavaScript String Methods
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[JavaScript String Methods](#)

String Methods and Properties

"John Doe" (Primitive values) 가 (가).

JavaScript ,
JavaScript ,

String Length

length .

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Properties</h2>
  <p>The length property returns the length of a string</p>
  <p id="demo"></p>
  <script>
    let txt = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
    let sln = txt.length;
    document.getElementById("demo").innerHTML = sln;
  </script>
</body>
</html>
```

Finding a String in a String

`indexOf()` _____(occurrence) ()

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The indexOf() method returns the position of the first occurrence of a
specified text:</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.indexOf("locate");
    document.getElementById("demo").innerHTML = pos; // 7
  </script>
</body>
</html>
```

```
%%JavaScript%% 0
0 , 1 , 2 ...
```

`lastIndexOf()` 가 ()

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The lastIndexOf() method returns the positon of the last occurrence of
a specified text:</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.lastIndexOf('locate');
    document.getElementById("demo").innerHTML = pos; // 21
  </script>
</body>
</html>
```

가 , indexOf() lastIndexOf() -1 .

```
<!DOCTYPE html>
```

```

<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>Both indexOf() and lastIndexOf() returns -1 if the text is not
found:</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.indexOf("John");
    document.getElementById("demo").innerHTML = pos; // -1
  </script>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The indexOf() method accepts a second parameter as the starting
position for the search:</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.indexOf("locate", 15); //index[15]
    document.getElementById("demo").innerHTML = pos; // 21
  </script>
</body>
</html>

```

lastIndexOf() () .
 , 가 15 , 15 , .

```

<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The lastIndexOf() method accepts a second parameter as the starting
position for the search.</p>
  <p>Remember that the lastIndexOf() method searches backwards, so position
15 means start the search at position 15, and search to the beginning.</p>
  <p>Position 15 is position 15 from the beginning</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.lastIndexOf("locate", 15);
    document.getElementById("demo").innerHTML = pos; // 7
    console.log(str.length); // 36
  </script>
</body>
</html>

```

```
        console.log(str[15]);          // h
    </script>
</body>
</html>
```



```
Tip:lastIndexOf() (index[0] )
searchValue
```

Searching for a String in a String

```
search()
```

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The search() method returns the position of the first occurrence of a
specified text in a string.</p>
  <p id="demo"></p>
  <script>
    let str = "Please locate where 'locate' occurs!";
    let pos = str.search("locate");
    document.getElementById("demo").innerHTML = pos; // 7
  </script>
</body>
</html>
```

Did You Notice?

indexOf() search() ?

() ?

가 . . .

- `search()`
- `indexOf()`

Extracting String Parts

3가 .

- slice(start, end)
- substring(start, end)
- substr(start, length)

The slice() Method

slice() , .

() 가 .

7 12 (13-1) .

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>The slice() method extract a part of a string and returns the extracted
parts in a new string:</p>
  <p id="demo"></p>
  <script>
    let str = "Apple, Banana, Kiwi";
    let res = str.slice(7, 13); // 7- , 13- , X
    document.getElementById("demo").innerHTML = res; // Banana
  </script>
</body>
</html>
```

: 0 . 0 .

가 , .

-12 -6 .

```
<script>
  let str = "Apple, Banana, Kiwi";
  let res = str.slice(-12, -6);
  document.getElementById("demo").innerHTML = res;
  console.log(str.length);
</script>
```

가 from MDN:

```
str.slice(beginIndex[, endIndex])
```

beginIndex:

-
- , beginIndex = str.length() + beginIndex
-) beginIndex = -3 , strLength + (-3)

endIndex:

- 0
- endIndex

(- > 가 , .

```
<script>
let str = "Apple, Banana, Kiwi";
let res = str.slice(7);
document.getElementById("demo").innerHTML = res; // Banana, Kiwi
</script>
```

가 , 가 .

```
<script>
let str = "Apple, Banana, Kiwi";
let res = str.slice(-12);
document.getElementById("demo").innerHTML = res; // Banana, Kiwi
</script>
```

Internet Explorer 8 가 .

The substring() Method

substring() slice() .

substring() .

```
<script>
let str = "Apple, Banana, Kiwi";
let res = str.substring(7, 13); // index7 12
document.getElementById("demo").innerHTML = res; // Banana
</script>
```

substring() .

The substr() Method

substr() slice() .

가

```
<script>
  let str = "Apple, Banana, Kiwi";
  let res = str.substr(7, 10);    // index7      10
  document.getElementById("demo").innerHTML = res;  // Banana, Ki
</script>
```

, substr() .

```
<script>
  let str = "Apple, Banana, Kiwi";
  let res = str.substr(8);        // index7
  document.getElementById("demo").innerHTML = res;  // anana, Kiwi
</script>
```

가

```
<script>
  let str = "Apple, Banana, Kiwi";
  let res = str.substr(-8);       // index-8
  document.getElementById("demo").innerHTML = res;  // na, Kiwi
</script>
```

Replacing String Content

replace() () .

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>Replace "Microsoft" with "W3Schools" in the paragraph below:</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo">Please visit Microsoft!</p>
  <script>
    function myFunction() {
      let str = document.getElementById("demo").innerHTML;
      let txt = str.replace("Microsoft", "W3Schools");
      document.getElementById("demo").innerHTML = txt;
    }
  </script>
```

```
</script>
</body>
</html>
```

```
'replace()'
```

```
, replace()
```

```
<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript String Methods</h2>
  <p>Replace "Microsoft" with "W3Schools" in the paragraph below:</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo">Please visit Microsoft and Microsoft!</p>
  <script>
    function myFunction() {
      let str = document.getElementById("demo").innerHTML;
      let txt = str.replace("Microsoft", "W3Schools");
      document.getElementById("demo").innerHTML = txt;
    }
  </script>
</body>
</html>
```

, Javascript, String, Methods

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