

JavaScript String Methods

- description : JavaScript String Methods
- author :
- email : shlim@repia.com
- lastupdate : 2021-04-23

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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 = "ABCDEFGHJKLMNOPQRSTUVWXYZ";
    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>

```


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 , 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

```

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

```

, substr()

```

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

```

가

```

<code javascript> <script> let str = "Apple, Banana, Kiwi"; let res =
str.substr(-8); index-8
document.getElementById("demo").innerHTML = res; na, Kiwi </script> </code>
====Replacing String Content==== replace()

```

()

```

<code javascript> <!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>
</body> </html> </code>

```

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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. - 2023.12

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Last update: **2022/03/10 19:52**

