# Javascript String split() Method

- description : Javascript String split() Method
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**Ref**

[Javascript String split() Method](#)

Split (string) (substring) .
a substring is a contiguous sequence of characters within a string.<from Wikipedia>

**Example**

```html
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display the array values after the split</p>
  <button onclick="myFunction()">Try it</button>   <!--                              -
->
  <p id="demo"></p>   <!-- innerHTML         -->
  <script>
    function myFunction() {      /*           */
      let str = "How are you doing today?";   /*            str       */
      let res = str.split(" ");                /*     str
res        */
      document.getElementById("demo").innerHTML = res;  /* id="demo"
res        */
    }
  </script>
</body>
</html>
```

# Definition and Usage

split() (string) (substring) ,

.

**Tip:**                    ("  ")            (separator)                    ,                            .

**Note: split()**                                              .

## Syntax

```
string.split(separator, limit)
```

## Parameter Values

| Parameter | Description |
|---|---|
| separator | .                                        (string)                          .<br>                              .(                            ) |
| limit | . splits                    , split                                  . |

## Return Value

(An Array, containing the splitted values)                    .

## More Examples

(separator parameter)                    ,                        .

```html
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display the array value after the split</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p>
  <script>
    function myFunction() {
      let str = "How are you doing today?";
      let res = str.split();  /* split() */
      document.getElementById("demo").innerHTML = res;
    }
  </script>
</body>
</html>
```

## Example

(white-space)                                    &              .

```html
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display the array value after the split.</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p>   <!-- H,o,w, ,a,r,e, ,y,o,u, ,d,o,i,n,g, ,t,o,d,a,y,? -->
  <script>
    function myFunction() {
      let str = "How are you doing today?";
      let res = str.split("");    /* string                  */
      document.getElementById("demo").innerHTML = res;
    }
  </script>
</body>
</html>
```

## Example

(limit parameter)                .

```html
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display the array values after the split.</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p>   <!-- How,are,you -->
  <script>
    function myFunction() {
      let str = "How are you doing today?";
      let res = str.split(" ", 3);   /*                       3        */
      document.getElementById("demo").innerHTML = res;
    }
  </script>
</body>
</html>
```

## Example

(letter)

```html
<!DOCTYPE html>
<html>
<body>
  <p>Click the button to display the array values after the split.</p>
  <button onclick="myFunction()">Try it</button>
  <p id="demo"></p> <!-- H,w are y,u d,ing t,day? -->
  <script>
```

```
    function myFunction() {
      let str = "How are you doing today?";
      let res = str.split("o");
      document.getElementById("demo").innerHTML = res;
      console.log(res, res.length); /* ["H", "w are y", "u d", "ing t",
"day?"] 5 */
    }
  </script>
</body>
</html>
```

, Javascript, String, split(), Method

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