

# JAVASCRIPT STRING - REPLACE METHOD

[http://www.tutorialspoint.com/javascript/string\\_replace.htm](http://www.tutorialspoint.com/javascript/string_replace.htm)

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## Description

This method finds a match between a regular expression and a string, and replaces the matched substring with a new substring.

The replacement string can include the following special replacement patterns –

| Pattern             | Inserts                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| \$\$                | Inserts a "\$".                                                                                                                                        |
| \$&                 | Inserts the matched substring.                                                                                                                         |
| \$`                 | Inserts the portion of the string that precedes the matched substring.                                                                                 |
| \$'                 | Inserts the portion of the string that follows the matched substring.                                                                                  |
| <i>no</i> <b>nn</b> | Where <b>n</b> or <b>nn</b> are decimal digits, inserts the <b>nth</b> parenthesized submatch string, provided the first argument was a RegExp object. |

## Syntax

The syntax to use the replace method is as follows –

```
string.replace(regex/substr, newSubStr/function[, flags]);
```

## Argument Details

- **regex** – A **RegExp** object. The match is replaced by the return value of parameter #2.
- **substr** – A String that is to be replaced by **newSubStr**.
- **newSubStr** – The String that replaces the substring received from parameter #1.
- **function** – A function to be invoked to create the new substring.
- **flags** – A String containing any combination of the RegExp flags: **g** - global match, **i** - ignore case, **m** - match over multiple lines. This parameter is only used if the first parameter is a string.

## Return Value

It simply returns a new changed string.

## Example

Try the following example.

```
<html>
  <head>
    <title>JavaScript String replace() Method</title>
  </head>

  <body>

    <script type="text/javascript">
      var re = /apples/gi;
```

```
var str = "Apples are round, and apples are juicy.";
var newstr = str.replace(re, "oranges");

document.write(newstr );
</script>

</body>
</html>
```

## Output

oranges are round, and oranges are juicy.

## Example

Try the following example; it shows how to switch words in a string.

```
<html>
<head>
  <title>JavaScript String replace() Method</title>
</head>
<body>
  <script type="text/javascript">
    var re = /(\w+)\s(\w+)/;
    var str = "zara ali";
    var newstr = str.replace(re, "$2, $1");

    document.write(newstr);
  </script>
</body>
</html>
```

## Output

ali zara

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