

# JAVASCRIPT - REGEXP LASTINDEX PROPERTY

[http://www.tutorialspoint.com/javascript/regexp\\_lastindex.htm](http://www.tutorialspoint.com/javascript/regexp_lastindex.htm)

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## Description

**lastIndex** a read/write property of RegExp objects. For regular expressions with the "g" attribute set, it contains an integer that specifies the character position immediately following the last match found by the **RegExp.exec** and **RegExp.test** methods. These methods use this property as the starting point for the next search they conduct.

This property allows you to call those methods repeatedly, to loop through all matches in a string and works only if the "g" modifier is set.

This property is read/write, so you can set it at any time to specify where in the target string, the next search should begin. **exec** and **test** automatically reset the **lastIndex** to 0 when they fail to find a match *or another match*.

## Syntax

Its syntax is as follows –

```
RegExpObject.lastIndex
```

## Return Value

Returns an integer that specifies the character position immediately following the last match.

## Example

Try the following example program.

```
<html>

<head>
  <title>JavaScript RegExp lastIndex Property</title>
</head>

<body>

  <script type="text/javascript">
    var str = "Javascript is an interesting scripting language";
    var re = new RegExp( "script", "g" );

    re.test(str);
    document.write("Test 1 - Current Index: " + re.lastIndex);

    re.test(str);
    document.write("<br />Test 2 - Current Index: " + re.lastIndex);
  </script>

</body>
</html>
```

## Output

```
Test 1 - Current Index: 10
Test 2 - Current Index: 35
```

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