**JavaScript String**

The **JavaScript string** is an object that represents a sequence of characters.

There are 2 ways to create string in JavaScript

1. By string literal

The string literal is created using double quotes. The syntax of creating string using string literal is given below:

1. var stringname="string value";

Let's see the simple example of creating string literal.

1. <script>
2. var str="This is string literal";
3. document.write(str);
4. </script>

Output:

This is string literal

2.By string object (using new keyword):

The syntax of creating string object using new keyword is given below:

1. var stringname=new String("string literal");

Here, **new keyword** is used to create instance of string.

Let's see the example of creating string in JavaScript by new keyword.

1. <script>
2. var stringname=new String("hello javascript string");
3. document.write(stringname);
4. </script>

**Output:**

hello javascript string

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| --- |
| 1) JavaScript String charAt(index) Method The JavaScript String charAt() method returns the character at the given index.   1. <script> 2. var str="javascript"; 3. document.write(str.charAt(2)); 4. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod1)  **Output:**  v 2) JavaScript String concat(str) Method The JavaScript String concat(str) method concatenates or joins two strings.   1. <script> 2. var s1="javascript "; 3. var s2="concat example"; 4. var s3=s1.concat(s2); 5. document.write(s3); 6. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod2)  **Output:**  javascript concat example 3) JavaScript String indexOf(str) Method The JavaScript String indexOf(str) method returns the index position of the given string.   1. <script> 2. var s1="javascript from javatpoint indexof"; 3. var n=s1.indexOf("from"); 4. document.write(n); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod3)  **Output:**  11 4) JavaScript String lastIndexOf(str) Method The JavaScript String lastIndexOf(str) method returns the last index position of the given string.   1. <script> 2. var s1="javascript from javatpoint indexof"; 3. var n=s1.lastIndexOf("java"); 4. document.write(n); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod4)  **Output:**  16 5) JavaScript String toLowerCase() Method The JavaScript String toLowerCase() method returns the given string in lowercase letters.   1. <script> 2. var s1="JavaScript toLowerCase Example"; 3. var s2=s1.toLowerCase(); 4. document.write(s2); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod5)  **Output:**  javascript tolowercase example 6) JavaScript String toUpperCase() Method The JavaScript String toUpperCase() method returns the given string in uppercase letters.   1. <script> 2. var s1="JavaScript toUpperCase Example"; 3. var s2=s1.toUpperCase(); 4. document.write(s2); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod6)  **Output:**  JAVASCRIPT TOUPPERCASE EXAMPLE 7) JavaScript String slice(beginIndex, endIndex) Method The JavaScript String slice(beginIndex, endIndex) method returns the parts of string from given beginIndex to endIndex. In slice() method, beginIndex is inclusive and endIndex is exclusive.   1. <script> 2. var s1="abcdefgh"; 3. var s2=s1.slice(2,5); 4. document.write(s2); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod7)  **Output:**  cde 8) JavaScript String trim() Method The JavaScript String trim() method removes leading and trailing whitespaces from the string.   1. <script> 2. var s1="     javascript trim    "; 3. var s2=s1.trim(); 4. document.write(s2); 5. </script>   [Test it Now](https://www.javatpoint.com/oprweb/test.jsp?filename=jsstringmethod8)  **Output:**  javascript trim 9) JavaScript String split() Method  1. <script> 2. var str="This is JavaTpoint website"; 3. document.write(str.split(" ")); //splits the given string. 4. </script> |

ices