



# String and Array Operations in JavaScript

Activate Windows  
Go to Settings to activate Windows.

# String Object

- In JavaScript, strings are used to store and manipulate text.
- The **String** object is a wrapper around the primitive data type string and provides a set of useful methods to perform various operations on strings.
- **Creating a String Object**

**Literal Syntax:** `var str = "Hello, world!";`

**Constructor Syntax:** `var strObj = new String("Hello, world!");`

- Below is a list of the properties of String objects and their description:

Property	Description
<b>Constructor</b>	Returns a reference to the String function that created the object
<b>Length</b>	Returns the length of the String
<b>Prototype</b>	Allows you to add properties and methods to an object

Activate Windows  
Go to Settings to activate Windows.

# String Methods

- The following methods can be used for primitive type string or a string object.

Method	Description
<b>length</b>	Returns the length of the string
<b>slice()</b>	Returns the elements between the two indexes of a string
<b>concat()</b>	Combines the text of two strings and returns a new string
<b>substring()</b>	Returns the elements between the two indexes of a string
<b>replace()</b>	Used to find a matching text and replaces the text with string
<b>toUpperCase()</b>	Converts all the alphabets of a string into uppercase
<b>toLowerCase()</b>	Converts all the alphabets of a string into lowercase
<b>trim()</b>	Removes the leading and trailing white space and line terminator characters

Activate Windows  
Go to Settings to activate Windows.