String Methods

Here is a list of the methods available in String.

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| **Sr.No.** | **Method & Description** |
| 1 | charAt()  Returns the character at the specified index. |
| 2 | charCodeAt()  Returns a number indicating the Unicode value of the character at the given index. |
| 3 | concat()  Combines the text of two strings and returns a new string. |
| 4 | indexOf()  Returns the index within the calling String object of the first occurrence of the specified value, or -1 if not found. |
| 5 | lastIndexOf()  Returns the index within the calling String object of the last occurrence of the specified value, or -1 if not found. |
| 6 | localeCompare()  Returns a number indicating whether a reference string comes before or after or is the same as the given string in sort order. |
| 7 | match()  Used to match a regular expression against a string. |
| 8 | replace()  Used to find a match between a regular expression and a string, and to replace the matched substring with a new substring. |
| 9 | search()  Executes the search for a match between a regular expression and a specified string. |
| 10 | slice()  Extracts a section of a string and returns a new string. |
| 11 | split()  Splits a String object into an array of strings by separating the string into substrings. |
| 12 | substr()  Returns the characters in a string beginning at the specified location through the specified number of characters. |
| 13 | substring()  Returns the characters in a string between two indexes into the string. |
| 14 | toLocaleLowerCase()  The characters within a string are converted to lower case while respecting the current locale. |
| 15 | toLocaleUpperCase()  The characters within a string are converted to upper case while respecting the current locale. |
| 16 | toLowerCase()  Returns the calling string value converted to lower case. |
| 17 | toString()  Returns a string representing the specified object. |
| 18 | toUpperCase()  Returns the calling string value converted to uppercase. |
| 19 | valueOf()  Returns the primitive value of the specified object. |

Array Methods

Here is a list of the methods of the Array.

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| **Sr.No.** | **Method & Description** |
| 1 | concat()  Returns a new array comprised of this array joined with other array(s) and/or value(s). |
| 2 | [every()](https://www.tutorialspoint.com/javascript/array_every.htm)  Returns true if every element in this array satisfies the provided testing function. |
| 3 | filter()  Creates a new array with all of the elements of this array for which the provided filtering function returns true. |
| 4 | forEach()  Calls a function for each element in the array. |
| 5 | indexOf()  Returns the first (least) index of an element within the array equal to the specified value, or -1 if none is found. |
| 6 | join()  Joins all elements of an array into a string. |
| 7 | lastIndexOf()  Returns the last (greatest) index of an element within the array equal to the specified value, or -1 if none is found. |
| 8 | map()  Creates a new array with the results of calling a provided function on every element in this array. |
| 9 | pop()  Removes the last element from an array and returns that element. |
| 10 | push()  Adds one or more elements to the end of an array and returns the new length of the array. |
| 11 | reduce()  Apply a function simultaneously against two values of the array (from left-to-right) as to reduce it to a single value. |
| 12 | reduceRight()  Apply a function simultaneously against two values of the array (from right-to-left) as to reduce it to a single value. |
| 13 | reverse()  Reverses the order of the elements of an array -- the first becomes the last, and the last becomes the first. |
| 14 | shift()  Removes the first element from an array and returns that element. |
| 15 | slice()  Extracts a section of an array and returns a new array. |
| 16 | some()  Returns true if at least one element in this array satisfies the provided testing function. |
| 17 | toSource()  Represents the source code of an object |
| 18 | sort()  Sorts the elements of an array |
| 19 | splice()  Adds and/or removes elements from an array. |
| 20 | toString()  Returns a string representing the array and its elements. |
| 21 | unshift()  Adds one or more elements to the front of an array and returns the new length of the array. |