**Javascript Basics:**

**Math Operators:**

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| **Methods** | **Description** |
| [abs()](https://www.javatpoint.com/javascript-math-abs-method) | It returns the absolute value of the given number. |
| [acos()](https://www.javatpoint.com/javascript-math-acos-method) | It returns the arccosine of the given number in radians. |
| [asin()](https://www.javatpoint.com/javascript-math-asin-method) | It returns the arcsine of the given number in radians. |
| [atan()](https://www.javatpoint.com/javascript-math-atan-method) | It returns the arc-tangent of the given number in radians. |
| [cbrt()](https://www.javatpoint.com/javascript-math-cbrt-method) | It returns the cube root of the given number. |
| [ceil()](https://www.javatpoint.com/javascript-math-ceil-method) | It returns a smallest integer value, greater than or equal to the given number. |
| [cos()](https://www.javatpoint.com/javascript-math-cos-method) | It returns the cosine of the given number. |
| [cosh()](https://www.javatpoint.com/javascript-math-cosh-method) | It returns the hyperbolic cosine of the given number. |
| [exp()](https://www.javatpoint.com/javascript-math-exp-method) | It returns the exponential form of the given number. |
| [floor()](https://www.javatpoint.com/javascript-math-floor-method) | It returns largest integer value, lower than or equal to the given number. |
| [hypot()](https://www.javatpoint.com/javascript-math-hypot-method) | It returns square root of sum of the squares of given numbers. |
| [log()](https://www.javatpoint.com/javascript-math-log-method) | It returns natural logarithm of a number. |
| [max()](https://www.javatpoint.com/javascript-math-max-method) | It returns maximum value of the given numbers. |
| [min()](https://www.javatpoint.com/javascript-math-min-method) | It returns minimum value of the given numbers. |
| [pow()](https://www.javatpoint.com/javascript-math-pow-method) | It returns value of base to the power of exponent. |
| [random()](https://www.javatpoint.com/javascript-math-random-method) | It returns random number between 0 (inclusive) and 1 (exclusive). |
| [round()](https://www.javatpoint.com/javascript-math-round-method) | It returns closest integer value of the given number. |
| [sign()](https://www.javatpoint.com/javascript-math-sign-method) | It returns the sign of the given number |
| [sin()](https://www.javatpoint.com/javascript-math-sin-method) | It returns the sine of the given number. |
| [sinh()](https://www.javatpoint.com/javascript-math-sinh-method) | It returns the hyperbolic sine of the given number. |
| [sqrt()](https://www.javatpoint.com/javascript-math-sqrt-method) | It returns the square root of the given number |
| [tan()](https://www.javatpoint.com/javascript-math-tan-method) | It returns the tangent of the given number. |
| [tanh()](https://www.javatpoint.com/javascript-math-tanh-method) | It returns the hyperbolic tangent of the given number. |
| [trunc()](https://www.javatpoint.com/javascript-math-trunc-method) | It returns an integer part of the given number. |

**String Operations:**

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| **Methods** | **Description** |
| [charAt()](https://www.javatpoint.com/javascript-string-charat-method) | It provides the char value present at the specified index. |
| [charCodeAt()](https://www.javatpoint.com/javascript-string-charcodeat-method) | It provides the Unicode value of a character present at the specified index. |
| [concat()](https://www.javatpoint.com/javascript-string-concat-method) | It provides a combination of two or more strings. |
| [indexOf()](https://www.javatpoint.com/javascript-string-indexof-method) | It provides the position of a char value present in the given string. |
| [lastIndexOf()](https://www.javatpoint.com/javascript-string-lastindexof-method) | It provides the position of a char value present in the given string by searching a character from the last position. |
| [search()](https://www.javatpoint.com/javascript-string-search-method) | It searches a specified regular expression in a given string and returns its position if a match occurs. |
| [match()](https://www.javatpoint.com/javascript-string-match-method) | It searches a specified regular expression in a given string and returns that regular expression if a match occurs. |
| [replace()](https://www.javatpoint.com/javascript-string-replace-method) | It replaces a given string with the specified replacement. |
| [substr()](https://www.javatpoint.com/javascript-string-substr-method) | It is used to fetch the part of the given string on the basis of the specified starting position and length. |
| [substring()](https://www.javatpoint.com/javascript-string-substring-method) | It is used to fetch the part of the given string on the basis of the specified index. |
| [slice()](https://www.javatpoint.com/javascript-string-slice-method) | It is used to fetch the part of the given string. It allows us to assign positive as well negative index. |
| [toLowerCase()](https://www.javatpoint.com/javascript-string-tolowercase-method) | It converts the given string into lowercase letter. |
| [toLocaleLowerCase()](https://www.javatpoint.com/javascript-string-tolocalelowercase-method) | It converts the given string into lowercase letter on the basis of host?s current locale. |
| [toUpperCase()](https://www.javatpoint.com/javascript-string-touppercase-method) | It converts the given string into uppercase letter. |
| [toLocaleUpperCase()](https://www.javatpoint.com/javascript-string-tolocaleuppercase-method) | It converts the given string into uppercase letter on the basis of host?s current locale. |
| [toString()](https://www.javatpoint.com/javascript-string-tostring-method) | It provides a string representing the particular object. |
| [valueOf()](https://www.javatpoint.com/javascript-string-valueof-method) | It provides the primitive value of string object. |
| split() | It splits a string into substring array, then returns that newly created array. |
| trim() | It trims the white space from the left and right side of the string. |