**JavaScript Basic**

* [JavaScript "Hello World!" application](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=embed-javascript-code-in-an-html-file)
* [Embedding JavaScript code in an HTML file](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=embed-javascript-code-in-an-html-file)
* [Calling an external JavaScript file in a HTML document](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=call-an-external-javascript-file-in-a-html-document)
* [Insert JavaScript code inside HTML tag](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=insert-javascript-code-inside-html-tag)
* [Case sensitivity in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=case-sensitivity)
* [JavaScript Single line comments](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=single-line-comment)
* [JavaScript Multi line comments](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=multi-line-comment)
* [Creating variables in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=create-variables)
* [Declaring variables in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=declare-variables)
* [Declaring multiple variables in at once JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=declare-multiple-variables)

**JavaScript Generating Output**

* [Writing into the browser console](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=write-into-the-browser-console) //console.log
* [Writing into an alert dialog box](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=write-into-an-alert-dialog-box) //alert()
* [Writing into the browser window](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=write-into-the-browser-window) //
* [Problem with document.write() method](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=problem-with-document-write-method)
* [Writing into an HTML element](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=write-into-an-html-element) //innerHTML

**JavaScript Data Types**

* [String data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=string-data-type)
* [Number data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=number-data-type)
* [Representing Infinity value](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=infinity) // ===
* [Representing *Not-a-Number* value](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=not-a-number) // NaN() :
* [Boolean data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=boolean-data-type)
* [Undefined data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=undefined-data-type) //
* [Null data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=null-data-type)
* [Object data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=object-data-type)
* [Object properties names without quotes](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=object-properties-names-without-quotes) //  const obj = { 123: 'foo', 12e34: 'bar', };
* [Array data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=array-data-type)
* [Function data type](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=function-data-type)
* [Passing a function as argument to other function](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=function-passed-as-argument-to-other-function)
* [The typeof operator](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=typeof-operator)

**JavaScript Operators**

* [Arithmetic operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=arithmetic-operators)
* [Assignment operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=assignment-operators)
* [String operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=string-operators)
* [Increment decrement operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=increment-decrement-operators)
* [Logical operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=logical-operators)
* [Comparison operators](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=comparison-operators)

**JavaScript Events**

* [Attaching event handlers inline](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=attaching-event-handlers-inline)
* [Attaching event handlers in an external file](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=attaching-event-handlers-in-an-external-file)
* [Handling the click event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-click-event)
* [Handling the contextmenu event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-contextmenu-event)
* [Handling the mouseover event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-mouseover-event)
* [Handling the mouseout event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-mouseout-event)
* [Handling the keydown event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-keydown-event)
* [Handling the keyup event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-keyup-event)
* [Handling the keypress event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-keypress-event)
* [Handling the focus event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-focus-event)
* [Handling the blur event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-blur-event)
* [Handling the change event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-change-event)
* [Handling the submit event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-submit-event)
* [Handling the load event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-load-event)
* [Handling the unload event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-unload-event)
* [Handling the resize event](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=handling-the-resize-event)

**JavaScript Strings**

* [Creating strings in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=create-strings)
* [Using quotes inside a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=using-quotes-inside-a-string)
* [Escaping quotes inside a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=escaping-quotes-inside-a-string)
* [Using escape sequences](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=escape-sequences)
* [Get the length of a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=get-the-length-of-a-string)
* [Find the position a substring within a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=find-the-position-a-substring-within-a-string)
* [Find the position of last occurrence of a substring within a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=find-the-position-of-last-occurrence-of-a-substring-within-a-string)
* [Find the position of a substring within a string from specific index](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=find-the-position-of-a-substring-within-a-string-from-specific-index)
* [Search text or pattern inside a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=search-text-or-pattern-inside-a-string)
* [Slice out a portion of a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=slice-out-a-portion-of-a-string)
* [Slice strings using negative indexes](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=slice-strings-using-negative-indexes)
* [Extract substring from a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-substring-from-a-string)
* [Extract fixed number of characters from a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-fixed-number-of-characters-from-a-string)
* [Replace part of string with another string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=replace-part-of-string-with-another-string)
* [Find and replace text in a string case insensitively](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=find-and-replace-text-in-a-string-case-insensitively)
* [Replace all occurrences of a substring in a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=replace-all-occurrences-of-a-substring-in-a-string)
* [Convert a string to uppercase characters](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=convert-a-string-to-uppercase-characters)
* [Convert a string to lowercase characters](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=convert-a-string-to-lowercase-characters)
* [Join two or more strings](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=join-two-or-more-strings)
* [Extract a single character from a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-a-single-character-from-a-string)
* [Extract a single character from a string using square brackets](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-a-single-character-from-a-string-using-square-brackets)
* [Split a string into an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=split-a-string-into-an-array)
* [Split a string into an array of characters](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=split-a-string-into-an-array-of-characters)

**JavaScript Numbers**

* [Representing numbers in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=numbers)
* [Representing numbers in exponential notation](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=representing-numbers-in-exponential-notation)
* [Representing numbers in hexadecimal notation](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=representing-numbers-in-hexadecimal-notation)
* [Adding numbers and strings](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=adding-numbers-and-strings)
* [Automatic conversion of numeric strings to numbers](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=automatic-conversion-of-numeric-strings-to-numbers)
* [Performing mathematical operation on non numeric values](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=performing-mathematical-operation-on-non-numeric-values)
* [Adding floating point numbers](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=adding-floating-point-numbers)
* [Fixing roundoff error](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=fixing-roundoff-error)
* [Precision problem with integers](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=precision-problem-with-integers)
* [Parse integers from strings](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=parse-integers-from-strings)
* [Parse floating point numbers from strings](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=parse-floating-point-numbers-from-strings)
* [Convert numbers to strings](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=convert-numbers-to-strings)
* [Format a number in exponential notation](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=format-a-number-in-exponential-notation)
* [Format numbers to fixed decimal places](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=format-numbers-to-fixed-decimal-places)
* [Format numbers with precision](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=format-numbers-with-precision)
* [Largest and smallest possible pumbers](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=largest-and-smallest-possible-pumbers)

**JavaScript If...Else and Switch Statements**

* [JavaScript if statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=if-statement)
* [JavaScript if...else statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=if-else-statement)
* [JavaScript if...elseif...else statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=if-elseif-else-statement)
* [JavaScript switch...case statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=switch-case-statement)
* [JavaScript switch...case statement with default clause on top](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=switch-case-statement-with-default-clause-on-top)
* [Combine multiple cases in a switch case statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=combine-multiple-cases-in-a-switch-case-statement)
* [Typical conditional statement](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=typical-conditional-statement)
* [Ternary operator](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=ternary-operator)

**JavaScript Arrays**

* [Storing single value in a variable](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=storing-single-values)
* [Creating arrays in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=creating-arrays)
* [Access individual elements of an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=access-individual-elements-of-an-array)
* [Get the length of an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=get-the-length-of-an-array)
* [Loop through an array using for loop](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=loop-through-an-array-using-for-loop)
* [Loop through an array using for of loop](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=loop-through-an-array-using-for-of-loop)
* [Loop through an array using for in loop](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=loop-through-an-array-using-for-in-loop)
* [Add a new element at the end of an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=add-a-new-element-at-the-end-of-an-array)
* [Add a new element at the beginning of an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=add-a-new-element-at-the-beginning-of-an-array)
* [Add multiple elements to an array at once](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=add-multiple-elements-to-an-array-at-once)
* [Remove the last element from an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=remove-the-last-element-from-an-array)
* [Remove the first element from an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=remove-the-first-element-from-an-array)
* [Add or remove array elements at any index](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=add-or-remove-array-elements-at-any-index)
* [Join all elements of an array into a string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=join-all-elements-of-an-array-into-a-string)
* [Convert an array into a comma separated string](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=convert-an-array-into-a-comma-separated-string)
* [Extract out a portion of an array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-out-a-portion-of-an-array)
* [Extract all elements from an array beyond specific index](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=extract-all-elements-from-an-array-beyond-specific-index)
* [Merge two arrays together into a single array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=merge-two-arrays)
* [Merge multiple arrays into a single array](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=merge-multiple-arrays)
* [Search an array for a specific value](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=search-an-array-for-a-specific-value)
* [Search an array for a specific value beyond certain index](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=search-an-array-for-a-specific-value-beyond-certain-index)
* [Find whether an array includes a certain value](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=find-whether-an-array-includes-a-certain-value)
* [Search an array based on certain condition](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=search-an-array-based-on-certain-condition)
* [Search an array based on certain condition and find index](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=search-an-array-based-on-certain-condition-and-find-index)
* [Filter an array in JavaScript](https://www.tutorialrepublic.com/codelab.php?topic=javascript&file=filter-an-array)