

# Javascript Essentials

## Javascript Essentials - Quiz Review

Your Score: 92.00% | Quiz Completed Date: 2022-02-21 15:56:32

Which attribute to the script tag tells HTML to use an external javascript file?

Correct Answer	Your Answer
	Rel
	Type
✓	✓ src
	none of the above

Which of the following is the best representation of the role of JavaScript to the web page?

Correct Answer	Your Answer
	Provides the style for the page
	Provides the structure for the page
✓	✓ Provides the behavior of the page
	Provides the description of the page

What type of files are external JavaScript files?

Correct Answer	Your Answer
	Additional HTML files
	Files with a .css extension
✓	✓ Text files with a .js extension
	Text files with a .jr extension

Which of the following development tools provides a console window that is used to debug code and is invaluable to developers?

Correct Answer	Your Answer
✓	✓ Firebug
	Chrome
	Opera
	Internet Explorer

Which of the following browsers should you avoid if you are working with JavaScript?

Correct Answer	Your Answer
✓	✓ Internet Explorer 7

- Firefox
- Chrome
- Internet Explorer 11



Which of the following creates a pop-up window in the browser that a developer must respond to in order to continue processing the page?

Correct Answer

Your Answer

- ☒ ☒ Alert
- Console.log
- Document.write
- None of the above



Which of the following if done after the HTML is fully loaded would replace the HTML on the page?

Correct Answer

Your Answer

- Alert
- Console.log
- ☒ ☒ Document.write
- InnerHTML



Which of the following is the most common way for developers to debug the JavaScript code that they write?

Correct Answer

Your Answer

- Alert
- ☒ ☒ Console.log
- Document.write
- InnerHTML



Which of the following parts of JavaScript are case sensitive?

Correct Answer

Your Answer

- Variables
- Functions
- Objects
- ☒ ☒ All of the above



Which of the following characters is used in JavaScript to define the end of a statement?

Correct Answer

Your Answer

- )
- :
- ☒ ☒ ;

}



Which of the following cannot be the first character in a variable name?

Correct Answer    Your Answer

\$

-

A



5



The individual instructions in JavaScript are referred to as functions. True or False?

Correct Answer    Your Answer



True



False



Which of the following components of a statement in javaScript is used to provide additional helpful information to developers?

Correct Answer    Your Answer

Expressions



Comments

Operators

Expressions



Which of the following operators is used to add two values together?

Correct Answer    Your Answer

-

\*

/



+



Which of the following is not a comparison operator but instead is used to assign values?

Correct Answer    Your Answer

& &



=

==



Which of the following is the proper symbol to reference the beginning of a section of comments that includes multiple lines?

Correct    Your

Answer	Answer
	//
	*/
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> /*
	(/)

? Which of the following JavaScript statements are valid?

Correct Answer	Your Answer
	var a=1;
	var a = "1";
	var a = 1;
	var a = 1;
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> They are all valid

? Which of the following isn't proper camelcase that is recommended in JavaScript?

Correct Answer	Your Answer
	myVariable
	myFunction
	addNumbersTogether
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> AddNumbersTogether

? What is the primary difference between a variable and an array?

Correct Answer	Your Answer
	An array can only contain a single value
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> A variable only contains a single value
	A variable contains multiple values
	Arrays can be declared and defined at the same time

? Which of the following symbols are used with array?

Correct Answer	Your Answer
	;
	:
	()
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> []

? You have an array named values[] that has the values of "text", "number", and "string" in that order. You want to refer to the value of strings in your code. Which of the following should you use?

Correct Answer	Your Answer
----------------	-------------

		Values[0]
		Values[1]
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Values[2]
		Values[3]



You want to increment a variable by 1 every time through a loop. Which of the following symbols should you use?

Correct Answer	Your Answer	
		<input type="checkbox"/> +=
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ++
		<input type="checkbox"/> -
		<input type="checkbox"/> -=



You need to write code that will increase the value of a variable by 5. Which of the following is valid? Choose all that apply.

Correct Answer	Your Answer	
		<input type="checkbox"/> +=5
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> +=5
		<input type="checkbox"/> ++5
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> +5



Which of the following characters in JavaScript is used to concatenate two values?

Correct Answer	Your Answer	
		<input type="checkbox"/> =
		<input type="checkbox"/> ""
		<input type="checkbox"/> {}
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> +



What is the best description for the === operator?

Correct Answer	Your Answer	
		<input type="checkbox"/> returns true if both types are the same
		<input type="checkbox"/> returns true if both values are the same
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> returns true if both type and value are the same
		<input type="checkbox"/> this is used to compare two variables



Which of the following operators is used to reduce the amount of code that would normally be required for an IF statement in JavaScript?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Ternary

- Equality
- Numeric
- Data



Which of the following loops is preferred due to a decreased amount of code to execute the same functionality?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	For
		If
		While
		Do while



Which property on an object or array will return the number of values or properties?

Correct Answer	Your Answer	
		Slice
		Display
		Name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Length



Which of the following is not accurate syntax?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>		Function myFunction()
	<input checked="" type="checkbox"/>	function myfunction()
		new function ()
		new object()



Given the following array, <var cars = ["Volvo", "Mazda", "Toyota"] how would you access the value of Toyota?

Correct Answer	Your Answer	
		cars[Toyota]
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	cars[2]
		cars[3]
		None of the above



Given the following array, var cars = ["Volvo", "Mazda", "Toyota"] how would you access the value of Mazda?

Correct Answer	Your Answer	
		Cars[Mazda]
		Cars[2]
		Cars[3]

☒ ☒ None of the above



Which program is an add into the Firefox browser that gives access to console development tools for JavaScript and other technologies?

Correct Answer Your Answer

Opera



Firebug

Notepad++

Chrome



Which of the following uses the best practices for casing in JavaScript?

Correct Answer Your Answer



myVariableName

myFUNCTION

MyFunctionName

Myvariablename



You need to determine if value x and value y are equal in both value and type. Which of the following comparison operators should you use?

Correct Answer Your Answer



==



===

!=

!==



What is wrong with the following statement: var a = 1; var b = 2; if (a = b) { //execute some code }

Correct Answer Your Answer

It doesn't use the right syntax

You should use a : instead of a ;



The if statement is incorrect and will always evaluate to true

The if statement is incorrect and will always evaluate to false



You should use a single equals sign in JavaScript to \_\_\_\_\_ a value

Correct Answer Your Answer

Distribute



Assign

Check

Equate



Which of the following is the correct way to return the current date and time in JavaScript?

Correct Answer      Your Answer

Var date+time



Var date = new Date ();

Var today = get-today();

Var today = new (Time);



In JavaScript, in the "if" statement the parentheses indicate the code to be executed if the condition evaluates to True. True or False?

Correct Answer      Your Answer



True



False



Which type of loop is very similar in syntax to an "if" statement?

Correct Answer      Your Answer

For...in



For



While

Do...while



Which option is available to prevent code developers from having to write large "if" statements that have multiple else "if" clauses?

Correct Answer      Your Answer

Slice

For loop

Do .... While



Switch



To create a loop or iteration you can simply replace the word if with which of the following?

Correct Answer      Your Answer

Function

Variable



While

For



Which of the following is the most frequently used type of loop?

Correct Answer      Your Answer



		If
		While
		Do...while
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	For



Which of the following is incredibly important when creating a loop to ensure that you don't write an infinite loop?

Correct Answer	Your Answer	
		Check the condition
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Increment the variable
		Set the index
		None of the above



You want to create a reusable section of JavaScript code that you can associate with an object. What keyword should you use to begin?

Correct Answer	Your Answer	
		Formula
		Method
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Function
		Property



Which of the following keywords will terminate a loop once it is encountered?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Break
		Continue
		End
		Terminate



Which of the following keywords will terminate the current iteration of the loop when it is encountered but not the loop itself?

Correct Answer	Your Answer	
		Break
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Continue
		Switch
		End



When you are working with external JavaScript files, the files themselves do not contain script tags. True or False?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	True

False



What is the appropriate syntax for creating a function in JavaScript?

Correct Answer

Your Answer

function:myFunction;



function myFunction ()

function:myFunction()

function = myFunction()



Once a function has been declared what is the next step to using that function?

Correct Answer

Your Answer



Invoking it

Defining it

Methodizing it

Using it as an object property



What is the proper syntax for invoking a function that is called addNumbers()?

Correct Answer

Your Answer

Invoke function addNumbers()

Invoke addNumbers()



addNumbers()

function addNumbers()



Which of the following is the correct syntax that you would use in order to declare an array of values called colors?

Correct Answer

Your Answer

var colors = "red", "green", "blue"

var colors = (1:"red", 2:"green", 3:"blue")



var colors = ["red", "green", "blue"]

var colors = 1 = ("red"), 2 = ("green"), 3 = ("blue")



Which of the following code examples would round the number 6.75 to the nearest integer?

Correct Answer

Your Answer



Math.round(6.75)

Math.rnd(6.75)

Round(6.75)

Rnd(6.75)



Given the values of a, b, and c how would you go about finding the highest value?

Correct Answer    Your Answer

Max(a, b, c)



Math.max(a,b,c)

Math.min(a,b,c)

Math.ceil(a,b,c)



What is the correct JavaScript syntax to change the content of the HTML element below?

Correct Answer    Your Answer

document.getElementByName("p").innerHTML = "Hello World!";



document.getElementById("demo").innerHTML = "Hello World!";



document.getElement("p").innerHTML = "Hello World!";

#demo.innerHTML = "Hello World!";



Which HTML event occurs when a user clicks on an element on the web page?

Correct Answer    Your Answer



onclick

onchange

onsubmit

onmouseover



You want to modify the content of an element with a class name of "important" on your page. Which of the following references would work?

Correct Answer    Your Answer

Document.getElementsByTagName

Document.getElementById



Document.getElementsByClassName



Document.getElements



Which of the following represents the best definition of the Document Object Model?

Correct Answer    Your Answer

A language like JavaScript

A sub component of JavaScript

A JavaScript library



An API defining the logical structure of HTML files



An object in the DOM is \_\_\_\_\_.

Correct Answer	Your Answer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> An HTML element or attribute

An HTML document

A webpage

A link



Which syntax would allow you to write new content into an HTML element using the DOM?

Correct Answer	Your Answer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Element.innerHTML

Element.attribute

Element.style

Element.setAttribute



Which of the following would be used to add elements to an HTML page?

Correct Answer	Your Answer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> appendChild

removeChild

replaceChild

write



Which of the following would you use in order to change the image on an HTML web page, assuming the image has an Id configured as "img1".

Correct Answer	Your Answer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Document.getElementById("img1").setAttribute("src" , "newimage.jpg")

Document.getElementById("img1").setAttribute("href" , "newimage.jpg")

Document.getElementById("img1").setAttribute("rel" , "newimage.jpg")

Document.getElementById("img1").style("src" , "newimage.jpg")



Which of the following events would allow you to change the background color of a field when a user selects that field on the form?

Correct Answer	Your Answer
<input type="checkbox"/>	<input type="checkbox"/> onmouseover

onload

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> onfocus
-------------------------------------	---

onset



You can change the behavior of a web page by adding JavaScript to modify and create HTML elements when the page loads. True or False?

Correct Answer	Your Answer
----------------	-------------

Answer Answer



True

False



One of the advantages of the `addEventListener()` function is that it allows you to add more than one event listener to a single element. True or False?

Correct Answer Your Answer



True

False



Which of the following is the proper syntax for add an Event Listener to a button with the id of "mybtn" on the page?

Correct Answer Your Answer



`element.addEventListener("click", function(){ alert("Hello World!"); });`

`element.addEventListener("onmouseover", function(){ alert("Hello World!"); });`

`element.addEventListener("onclick", function(){ alert("Hello World!"); });`

`element.addEventListeners("click", function(){ alert("Hello World!"); });`



Which of the following can be used to create automatic page movements on elements?

Correct Answer Your Answer



Animate

Hide

Visible

Display



Which of the following could you use to display the title of a document using the DOM and JavaScript?

Correct Answer Your Answer



`Document.heading`



`Document.title`



`Document`

`Document.getElementById`



Which of the following would be the correct code for determining the number of links that were contained on page?

Correct Answer Your Answer



`Document.getLinks`

`Document.getAnchors`



`Document.anchors.length`

None of the above



Which sign does jQuery use as a shortcut for jQuery?

Correct Answer    Your Answer

<input type="checkbox"/>	<input type="checkbox"/>	*
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$
<input type="checkbox"/>	<input type="checkbox"/>	%
<input type="checkbox"/>	<input type="checkbox"/>	&



Using this selector in jQuery what would be selected in the document? \$("h1")

Correct Answer    Your Answer

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All h1s
<input type="checkbox"/>	<input type="checkbox"/>	The first h1
<input type="checkbox"/>	<input type="checkbox"/>	A specific h1
<input type="checkbox"/>	<input type="checkbox"/>	The whole document



Which of the following syntax options would be correct if you wanted to set the background color of all the p elements on the page to yellow?

Correct Answer    Your Answer

<input type="checkbox"/>	<input type="checkbox"/>	\$("#p").layout("background-color","yellow");
<input type="checkbox"/>	<input type="checkbox"/>	\$("#p").style("background-color","yellow");
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$("#p").css("background-color","yellow");
<input type="checkbox"/>	<input type="checkbox"/>	\$("#p").manipulate("background-color","yellow");



jQuery uses CSS selectors in order to select elements on the page in a precise manner. True or False?

Correct Answer    Your Answer

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	True
<input type="checkbox"/>	<input type="checkbox"/>	False



Using the selector \$("h1.intro") in jQuery, which of the following would be selected?

Correct Answer    Your Answer

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All the h1 elements
<input type="checkbox"/>	<input type="checkbox"/>	All the h1 elements with an ID of intro
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All the h1 elements with a class of intro
<input type="checkbox"/>	<input type="checkbox"/>	The first h1 element with a class of intro



Which of the following methods in jQuery can be used to hide elements on the page?

Correct Answer    Your Answer

		Visible()
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hide()
		Display()
		Hidden()



Which of the following jQuery methods would you use in order to modify the color and font type of elements on the page?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Css()
		HTML()
		Style()
		Modify()



Which of the following statements is true in regards to the use of jQuery on the web?

Correct Answer	Your Answer	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To use jQuery you can link to a public CDN from within your HTML file
		To use jQuery you must download it and save it locally
		To use jQuery you must purchase it and then download and save locally
		Nothing is required as support is already included in most modern browsers



Which of the following built-in functions in jQuery is used to prevent code from running before the document is finished loading?

Correct Answer	Your Answer	
		\$(document).load ()
		\$(window).load ()
		\$(window).start ()
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$(document).ready()



Which jQuery method is used to return the content including the markup of selected elements on the page?

Correct Answer	Your Answer	
		Text()
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Html()
		Val()
		Get()



You would like to insert some content before a selected element on the page, which jQuery method should you use?

Correct Answer	Your Answer	
		Get()
		Append()

✖

Prepend()

✔

Before()



What would the following code in jQuery perform? `$("p").css("background-color", "yellow");`

Correct Answer

Your Answer

- ✔

☒

It would modify all paragraphs to have a background color of yellow
- ☐

It would modify the first paragraph to have a background color of yellow
- ☐

It would not work, the syntax is incorrect
- ☐

It would modify the entire document to have a background color of yellow



Using the following code `<head> <script src="jquery-1.11.3.min.js"></script> </head>` would configure your web page to use a CDN public version of jQuery. True or False?

Correct Answer

Your Answer

- ☐

True
- ✔

☒

False



You want to modify the content of an element with a class name of "important" on your page. Which of the following references would work?

Correct Answer

Your Answer

- ☐

Document.getElementsByTagName
- ☐

Document.getElementById
- ✔

☒

Document.getElementsByClassName
- ✔

☒

Document.getElements



Which of the following represents the best definition of the Document Object Model?

Correct Answer

Your Answer

- ☐

A language like JavaScript
- ☐

A sub component of JavaScript
- ☐

A JavaScript library
- ✔

☒

An API defining the logical structure of HTML files



DESCRIPTION/RESOURCES



HISTORY



MY NOTES

### Course Information

Total Course Video Hours: 9 Hrs 1 Min  
Total Videos: 35

### Course Resources



Outline



Flashcards



Scatter





Learn



Speller

## Description

The JavaScript Essentials online training course is designed to teach students the fundamentals of JavaScript programming. This course is critical for someone trying to get into web development and wanting to learn more about JavaScript fundamentals.

Instructor - Patrick Loner











