## **Javascript Essentials**



			Firefox
			Chrome
			Internet Explorer 11
?			llowing creates a pop-up window in the browser that a developer must respond to in ue processing the page?
	Correct Answer	Your Answer	Alert
			Console.log
			Document.write
			None of the above
	Which	of the fo	llowing 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 they wr		llowing is the most common way for developers to debug the JavaScript code that
	Correct Answer	Your Answer	Alert
	<u> </u>	$\bigcirc$	Console.log
			Document.write
			InnerHTML
			IIII EI FI I IVIL
?	Which	of the fo	llowing parts of JavaScript are case sensitive?
	Correct Answer	Your Answer	Variables
			Functions
			Objects
			All of the above
			7 the above
3	Which	of the fo	llowing characters is used in JavaScript to define the end of a statement?
	Correct Answer	Your Answer	
		<b>Ø</b>	;

			}
	Which	of the fol	llowing cannot be the first character in a variable name?
	Correct Answer	Your Answer	\$
			<u>-</u>
			A
			5
	The ind	lividual ir	nstructions in JavaScript are referred to as functions. True or False?
	Correct Answer	Your Answer	True
			False
?			llowing components of a statement in javaScript is used to provide additional helpful developers?
	Correct Answer	Your Answer	Expressions
			Comments
			Operators
			Expressions
	Which	of the fol	llowing operators is used to add two values together?
	Correct Answer	Your Answer	_
			*
			/
	$\bigcirc$	<b>⊘</b>	+
?	Which	of the fol	llowing is not a comparison operator but instead is used to assign values?
	Correct Answer	Your Answer	& &
	<b>⊘</b>	<b>⊘</b>	=
			==
?			llowing is the proper symbol to reference the beginning of a section of comments ultiple lines?
	Correct	Your	

		Answer	
			*/
		<u> </u>	<u>/*</u>
•	Which	of the fo	llowing JavaScript statements are valid?
	Correct Answer	Your Answer	vor a -1.
			var a=1; 
			var a = 1;
			var a = 1;
	<b>(</b>	<u>@</u>	They are all valid
•	Which	of the fo	llowing isn't proper camelcase that is recommended in JavaScript?
	Correct Answer	Your Answer	myVariable
			myFunction
			addNumbersTogether
			AddNumbersTogether
			7 taar tarriboro rogettier
	What is	the prin	nary difference between a variable and an array?
	What is	the prin Your Answer	nary difference between a variable and an array?
?	Correct	Your	
	Correct	Your	nary difference between a variable and an array?  An array can only contain a single value
	Correct	Your	An array can only contain a single value  A variable only contains a single value
	Correct Answer	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values
	Correct  Which of	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time  Illowing symbols are used with array?
	Correct  Which of	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time
?	Correct  Which of	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time  Illowing symbols are used with array?
	Correct  Which of	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time  Illowing symbols are used with array?
?	Correct  Which of	Your Answer	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time  Illowing symbols are used with array?  ; ; ; ; ;
	Correct Answer  Correct Answer  You have	Your Answer  Of the following Answer  Ve an arr	An array can only contain a single value  A variable only contains a single value  A variable contains multiple values  Arrays can be declared and defined at the same time  Illowing symbols are used with array?  ; ; ; ; ;

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Answer Answer

	_		Values[0]
			Values[1]
		$\bigcirc$	Values[2]
			Values[3]
?		nt to inc you use'	rement a variable by 1 every time through a loop. Which of the following symbols?
	Correct Answer	Your Answer	+=
	<u> </u>	<b>Ø</b>	++
			-
			-=
3		ed to wri e all that	te code that will increase the value of a variable by 5. Which of the following is valid? apply.
	Correct	Your	
	Answer	Answer	=+5
	<u> </u>	<u> </u>	+=5
			++5
	<b>②</b>	<b>②</b>	+5
	Which	of the fo	llowing characters in JavaScript is used to concatenate two values?
	Correct Answer	Your Answer	=
			0
	<b>⊘</b>	<b>Ø</b>	+
	What is	the bes	t description for the ==== operator?
	Correct Answer	Your Answer	returns true if both types are the same
			returns true if both values are the same
			returns true if both type and value are the same
			this is used to compare two variables
?			llowing operators is used to reduce the amount of code that would normally be IF statement in JavaScript?
	Correct	Your	
	Answer	Answer	Ternary

			Equality
			Numeric
			Data
?	Which of		llowing loops is preferred due to a decreased amount of code to execute the same
	Correct Answer	Your Answer	For
			-
			If
			While
			Do while
	Which	property	on an object or array will return the number of values or properties?
	Correct	Your	
	Answer	Answer	Slice
			Display
			Name
		$\bigcirc$	Length
3	Which	of the fo	llowing is not accurate syntax?
	Correct	Your	
	Answer	Answer	Function myFunction()
		<u> </u>	function myfunction()
			new function ()
			new object()
3	Given t Toyota		ving array, <var "mazda",="" "toyota"]="" access="" cars='["Volvo",' how="" of<="" th="" the="" value="" would="" you=""></var>
	Correct	Your	
	Answer	Answer	cars[Toyota]
	<u> </u>		cars[2]
			cars[3]
			None of the above
?	Given t Mazda		ving array, var cars = ["Volvo", "Mazda", "Toyota"] how would you access the value of
	Correct	Your	
	Answer	Answer	Cars[Mazda]
			Cars[2]
			Cars[3]
			1-1

		<b>⊘</b>	None of the above
3			is an add into the Firefox browser that gives access to console development tools and other technologies?
	Correct Answer	Your Answer	Opera
	<b>⊘</b>	<b>②</b>	Firebug
			Notepad++
			Chrome
<b>3</b>	Which	of the fo	llowing uses the best practices for casing in JavaScript?
	Correct Answer	Your Answer	myVariableName
			myFUNCTION
			MyFunctionName
			Myvariablename
			ermine if value x and value y are equal in both value and type. Which of the following erators should you use?
	Correct Answer	Your Answer	==
	<u> </u>	<u> </u>	===
			!=
			!==
3	What is	wrong v	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 ;
	<u> </u>	<b>⊘</b>	The if statement is incorrect and will always evaluate to true
			The if statement is incorrect and will always evaluate to false
	You sho	ould use	a single equals sign in JavaScript to a value
	Correct Answer	Your Answer	Distribute
	<b>⊘</b>	$\bigcirc$	Assign
			Check
			Equate

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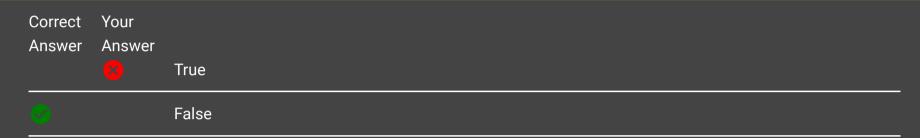


Which of the following is the correct way to return the current date and time in JavaScript?

Correct Answer	Your Answer	
		Var date+time
<b>②</b>	<b>Ø</b>	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?





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

Correct Answer	Your Answer	
		Forin
	8	For
<b>②</b>		While
		Dowhile

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

Correct	Your	
Answer	Answer	
		Slice
		For loop
		Do While
<b>⊘</b>	<b>②</b>	Switch

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

Correct Answer		
		Function
		Variable
<b>Ø</b>	<b>⊘</b>	While
		For



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

Correct Your
Answer Answer

			<u>If</u>
			While
			Dowhile
	<b>②</b>	<b>②</b>	For
	Which infinite		llowing is incredibly important when creating a loop to ensure that you don't write an
	Correct Answer	Your Answer	
			Check the condition  Increment the variable
			_
	_		Set the index  None of the above
			Notic of the above
?			eate a reusable section of JavaScript code that you can associate with an object. should you use to begin?
	Correct	Your	
	Answer	Answer	Formula
			Method
	<b>②</b>	$\bigcirc$	Function
			Property
?	Which	of the fo	llowing keywords will terminate a loop once it is encountered?
	Correct Answer	Your Answer	Break
			Continue
			End
			Terminate
?			llowing keywords will terminate the current iteration of the loop when it is it not the loop itself?
	Correct Answer	Your Answer	Break
	<u> </u>		Continue
			Switch
		ou are w False?	vorking with external JavaScript files, the files themselves do not contain script tags.

False



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

Correct Answer	Your Answer	
		function:myFunction;
<b>②</b>	<b>Ø</b>	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



Correct Answer	Your Answer	
		Invoke function addNumbers()
		Invoke addNumbers()
<b>⊘</b>	<b>Ø</b>	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")
<b>9</b>	<b>②</b>	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)
<b>Ø</b>	<b>⊗</b>	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!";
<b>②</b>		document.getElementById("demo").innerHTML = "Hello World!";
	8	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
<b>②</b>	<b>⊘</b>	Document.getElementsByClassName
<b>9</b>	<b>⊘</b>	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
<b>②</b>	<b>Q</b>	An API defining the logical structure of HTML files



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

Correct Answer	Your Answer	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	Element.innerHTML
		Element.attribute
		Element.style
		Element.setAttribute



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

Your Answer	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	
		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	
		onmouseover
		onload
		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 Your

	Answer	Answer	
			True
			False
<b>3</b>			ntages of the addEventListener () function is that it allows you to add more than one a single element. True or False?
	Correct Answer	Your Answer	True
			Fasle
?		of the fol " on the p	llowing is the proper syntax for add an Event Listener to a button with the id of 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 fol	llowing can be used to create automatic page movements on elements?
	Correct Answer	Your Answer	
			Animate
			Hide
			Visible
			Display
	Which of JavaSc		llowing could you use to display the title of a document using the DOM and
	Correct Answer	Your Answer	
	Allowel	Allowel	Document.heading
			Document.title
	<b>©</b>	<b>⊘</b>	Document
			Document.getElementById
?		of the fol ned on pa	llowing would be the correct code for determining the number of links that were age?
	Correct	Your	
	Answer	Answer	Document.getLinks
			Document.getAnchors
	<u> </u>	<u> </u>	Document.anchors.length
			None of the above
			None of the above



Which sign does jQuery use as a shortcut for jQuery?

Correct Answer	Your Answer	
		*
<b>②</b>	$\bigcirc$	\$
		%
		&

9

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



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	
7 (110 (10)	71101101	\$("p").layout("background-color","yellow");
		\$("p").style("background-color","yellow");
<b>②</b>	<b>Ø</b>	\$("p").css("background-color","yellow");
		\$("p").manipulate("background-color","yellow");

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

		-alse
Answer	Answer	True
Correct	Your	

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

	<b>⊘</b>	All the h1 elements with a class of intro
		All the h1 elements with an ID of intro
Answer	Answer	All the h1 elements

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

Correct Your Answer Answer

		Ti dated switch
		Visible()
<b>⊘</b>	$\bigcirc$	Hide()
		Display()
		Hidden()
\//biob	of the f	allowing iOuany mathada would you use in order to madify the color and fant type of

4

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

Answer	Your Answer	Css()
		HTML()
		Style()
		Modify()

9

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

Correct Answer	Your Answer	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 ()
<b>⊘</b>	<b>②</b>	\$(document).ready()

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

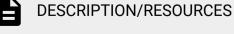
	Your Answer	
		Text()
<b>②</b>	<b>⊗</b>	Html()
		Val()
		Get()

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

Correct Answer	Cat()
	Get() Append()









MY NOTES

#### **Course Information**

Total Course Video Hours: 9 Hrs 1 Min

Total Videos: 35

#### Course Resources



Outline



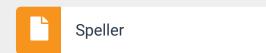
Flashcards



Scatter



Learn



# 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