1.	In the following declaration, what is the type of the variable 'pi'?	1/1 point
	var pi = "3.14";	
	O float	
	O number	
	O char	
	string	
	Correct Correct. Variables in JavaScript assumes the data type from of a variable when it's assigned, meaning in this case `pi` is the same type as "3.14". Since "3.14" contains multiple characters in quotation marks, it is a string. Refer to the "JavaScript Language - Overview and Syntax" and "JavaScript Variables and Control Statements" videos for more information.	
2.	How do you define an array called array1 in JavaScript?  Ovar array1 = (1,2,3)	1/1 point
	(a) var array1 = [1,2,3]	
	O var array1 = new Array((1,2,3))	
	O var array1 = new Array[1,2,3]	
	<ul> <li>Correct</li> <li>Correct. Array literals are created by declaring array elements within square brackets, as shown above.</li> <li>Refer to the "JavaScript Language - Overview and Syntax" video for more information.</li> </ul>	

٠,	Which DOM function returns a node object matching a div with an id value "example_id"?	1/1
	<pre>div.getValueOf("example_id")</pre>	
	document.getElementById("example_id")	
	<pre>element.getNodeById("example_id")</pre>	
	<pre>document.getElementById(div, "example_id")</pre>	
	Correct Correct. To get an object given a specified id, the document.getElementById() method should be used. This looks for a specific id, and does not differentiate between the different tags. Refer to the "JavaScript DOM Objects" video for more information.	
5.	How are numbers converted to strings?  (123).string	1/:
	(123).toString()	
	toString(123)	
	O string(123)	

6. What is the value of 'total' after the following statement is executed? 1/1 point var total = 10 + 1 + " 3"; "113" 0 "1013" O 14 O This results in an error **⊘** Correct Correct. JavaScript will execute this statement in order. 10 and 1 are both numbers and will be added as such (10 + 1 = 11). Then, this new value (11) will be concatenated with the string "3", resulting in "113". Refer to the "JavaScript - Browser Console" reading for more information. 7. What would the alert be, when the following code is executed? 1/1 point var a = new String("Hello"); var b = "Hello"; if (a ===b){ alert("Same"); }else{ alert("Different"); O Same Different O It would not give any alert as it is an error O None of the above Correct. The "===" operation checks if the operand on the left is of equal value and equal type to the operand on right. Since Strings declared by the String wrapper object are different than the primitive string data type, `a` and `b` are different types, despite them being the same values. Refer to the "JavaScript Language - Overview and Syntax" video and the "JavaScript - Browser Console" reading for more information. 8. Which of the following is the proper way to create a `for` loop? 1/1 point O loop (for i = minVal; i < maxVal; i++) { ... } for (i < maxVal) { ... }</p> O for (vari = minVal; i++; i < maxVal) { ... } for (var i = minVal; i < maxVal; i++) { ... }</p> 

Correct. A for loop requires 3 expressions within the parentheses: an initial expression, a conditional expression, and an increment expression. The expressions must appear in the order listed, and must be separated by a semi-colon (;), as shown in this example. Refer to the "JavaScript Variables and Control

Statements" video for more information.

9.	Select <b>all</b> of the following which are <i>proper</i> ways to add a `color` property to a custom `Car` object.	
	☐ mounty the code of the car object directly to add a color parameter in the constructor	
	✓ Car.prototype.color = "Red"	
	Correct Correct. All objects have a corresponding prototype, which make it easy to add properties and methods to all current and future instances of that object. Above is the correct usage of adding a property to a prototype. Refer to the "JavaScript Functions and Prototypes" video for more information.	
	10. Which of the following is not an event binder in JavaScript?	1 / 1 point
	Onload	
	<ul><li>onhover</li></ul>	
	Onmouseover	
	O onclick	
	Correct Correct. Onhover is not a valid event in JavaScript. A different event binder is used for when a user hovers over an element. Refer to the "Client-Side Javascript with HTML" video for more information.	