Beginning JavaScript summary quiz



8/10 questions correct

Quiz passed!

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1.

Which language is used to add real time interaction to web pages?

O HTML

O Java

JavaScript

Well done!

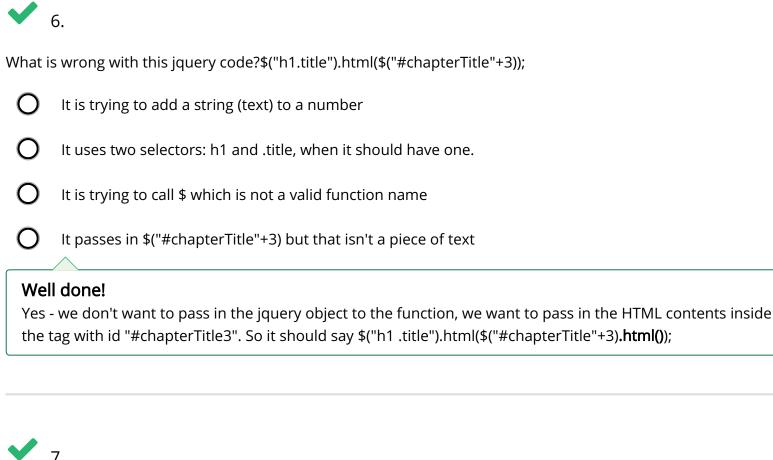
Yes - JavaScript is for Interactivity
O css
✓ 2.
Which of these aspects of a web page would use JavaScript functions?
What happens when you click on a button.
Well done! Yes - this is the kind of example we saw in the lectures
WebGL games
Well done! Yes - WebGL games are highly interactive and so would need lots of JavaScript
The authors contact details
Well done! No - this would be defined in HTML
The colour of the navigation bar

	l done! this would be defined in CSS
~	3.
How w	ould you write a function that takes an argument, and you can call like this: "say('hello');"?
0	function say(word){ alert(word); }
Yes -	l done! - to define a function you need the keyword "function" followed by the function name, argument list and y of the function
0	say hello(){ alert(hello); }
0	function say{hello}(alert(hello);)

To implement a hover event you need to do something when the mouse enters and then change it back when it exits. The jQuery hover function takes 2 functions as arguments, how would you change the color as you hover over it?

\$("#title").hover(function(){\$("#enter").css("color", "red");}, function(){\$("#exit").css("color", "black");})

\$("#title").hover(enter(){\$("#title").css("color", "red");}, exit(){\$("#title").css("color", "black");})			
\$("#title").hover(function(){\$("#title").css("color", "red");}, function(){\$("#title").css("color", "black");})			
Well done! Yes - you have two anonymous function definitions			
\$("#title").hover(function(){\$("#title").css("color", "red"); \$("#title").css("color", "black");})			
✓ 5.			
The HTML document object has a function "getElementById" how would you get the element with id "title"?			
getElementById(document, "title");			
O title.getElementById("document");			
O document.getElementByld("title");			
Well done! Yes - you are calling the function "getElementByld" on the object "document" and passing in the id as an argument			
O document("getElementById", "title");			





How would you make the element react when the mouse moves into it?

<h1 id="title" onmouseenter="alert('hello');" >Hello</h1>

Well done!

Yes - the alert function is called when the mouse moves into the element

<h1 id="mouseenter" onclick="alert('hello');" >Hello</h1>

0	<mouseenter id="title" onclick="alert('hello');">Hello</mouseenter>
0	<h1 id="title" onclick="mouseenter('hello');">Hello</h1>
~	8.
	does this code do?function no(){ \$(this).html("I'm offended");}\$("#myfavouritebit").mouseleave(no);
0	changes the content of the element with id "this" when the mouse moves out of the element with id "myfavouritebit"
0	doesn't work: "this" is not a valid css selector
0	doesn't work: you can only use anonymous functions to respond to events
0	changes the content of the element with id "myfavouritebit" when the mouse moves out of it
Yes -	l done! - the function "no" is called when the mouseleave event is triggered (the mouse moves outside of the nent). It uses "this" to get hold of the element that the event was called on
X 9	•

How do you show the content of an html element in popup dialog?

\$("#title").html(alert());

<pre>alert(\$("#title").html());</pre>		
\$("#title").alert(html());		
Sorry, that's incorrect. No - you are trying to call the alert function on the htm element, but it is not a function of an element, it is just a freestanding function		
\$("#title").alert();		
× 10.		
The jQuery function "css" sets css parameters of an element. How would you change the color of all list items with class "emphasised"		
O li.emphasised.css("color", "red");		
\$('li, .emphasised').css('background', 'red')		
\$("css").li.emphasised("color", "red");		
Sorry, that's incorrect. No - css is not a selector, it is the function you want to call		
\$('li.emphasised').css('background', 'red')		

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