

## 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?



HTML



Java



JavaScript

**Well done!**

Yes - JavaScript is for Interactivity

☐ CSS

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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

**Well done!**

No - this would be defined in CSS



3.

How would you write a function that takes an argument, and you can call like this: "say('hello');"?



function say(word){ alert(word); }

**Well done!**

Yes - to define a function you need the keyword "function" followed by the function name, argument list and body of the function



say hello(){ alert(hello); }



function say{hello}{alert(hello);}



4.

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");`
- ☐ `title.getElementById("document");`
- ☐ `document.getElementById("title");`

**Well done!**

Yes - you are calling the function "getElementById" on the object "document" and passing in the id as an argument

- ☐ `document("getElementById", "title");`



6.

What is wrong with this jquery code? `$("#h1.title").html($("#chapterTitle"+3));`

- ☐ It is trying to add a string (text) to a number
- ☐ It uses two selectors: h1 and .title, when it should have one.
- ☐ It is trying to call \$ which is not a valid function name
- ☐ It passes in `$("#chapterTitle"+3)` but that isn't a piece of text

**Well done!**

Yes - we don't want to pass in the jquery object to the function, we want to pass in the HTML contents inside the tag with id "#chapterTitle3". So it should say `$("#h1 .title").html($("#chapterTitle"+3).html());`



7.

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>`

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



8.

What does this code do?  
`function no(){ $(this).html("I'm offended");}$("#myfavouritebit").mouseleave(no);`

- ☐ changes the content of the element with id "this" when the mouse moves out of the element with id "myfavouritebit"
- ☐ doesn't work: "this" is not a valid css selector
- ☐ doesn't work: you can only use anonymous functions to respond to events
- ☐ changes the content of the element with id "myfavouritebit" when the mouse moves out of it

**Well done!**

Yes - the function "no" is called when the mouseleave event is triggered (the mouse moves outside of the element). It uses "this" to get hold of the element that the event was called on



9.

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

- ☐ `$("#title").html(alert());`

☐ `alert($("#title").html());`

☐ `$("#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();`

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**✖** 10.

The jQuery function "css" sets css parameters of an element. How would you change the color of all list items with class "emphasised"

☐ `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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