Close

Beginning JavaScript summary quiz

10 questions

1.

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



CSS



HTML



JavaScript



Java

2.

Which of these aspects of a web page would use JavaScript functions?



The authors contact details



The colour of the navigation bar



WebGL games



What happens when you click on a button.

3.

How would you write a function that takes an argument, and you can call like this: “say(‘hello’);”?



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

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?



$(“#title”).hover(enter(){$(“#title”).css(“color”, “red”);}, exit(){$(“#title”).css(“color”, “black”);})

**Sorry, that's incorrect.**

No - remind yourself how to define an anonymous function



$(“#title”).hover(function(){$(“#title”).css(“color”, “red”); $(“#title”).css(“color”, “black”);})

No - you need 2 functions, this answer only creates 1



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



$(“#title”).hover(function(){$(“#title”).css(“color”, “red”);}, function(){$(“#title”).css(“color”, “black”);})

Yes - you have two anonymous function definitions

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”);

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 uses two selectors: h1 and .title, when it should have one.



It passes in $("#chapterTitle"+3) but that isn't a piece of text

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()**);



It is trying to call $ which is not a valid function name



It is trying to add a string (text) to a number

7.

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



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



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



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

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



<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: 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

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



doesn't work: "this" is not a valid css selector

9.

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



$(“#title”).alert(html());



alert($(“#title”).html());

Yes - you are getting the html content of the element and using it as a parameter to call alert



$(“#title”).html(alert());



$(“#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”



$('li.emphasised').css('background', 'red')

Yes - "li.emphasised" is the correct selector for things that are list items and which have class emphasised, and you are calling the css function on the resulting jQuery object.



$(“css”).li.emphasised("color", "red");



li.emphasised.css("color", "red");



$('li, .emphasised').css('background', 'red')

7 questions unanswered

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