

✓ **Congratulations! You passed!**
TO PASS 65% or higher

Keep Learning

GRADE
70%

Beginning JavaScript summary quiz

LATEST SUBMISSION GRADE
70%

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

1 / 1 point

- ☐ CSS
- ☒ JavaScript
- ☐ HTML
- ☐ Java

✓ **Correct**
Yes - JavaScript is for interactivity

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

0 / 1 point

- ☐ The colour of the navigation bar
- ☒ The authors contact details

! **This should not be selected**
No - this would be defined in HTML

- ☒ WebGL games

✓ **Correct**
Yes - WebGL games are highly interactive and so would need lots of JavaScript

- ☒ What happens when you click on a button.

✓ **Correct**
Yes - this is the kind of example we saw in the lectures

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

1 / 1 point

- ☐ say hello(){ alert(hello); }

```
1 say hello(){  
2   alert(hello);  
3 }
```

- ☒

```
1 function say(word){  
2   alert(word);  
3 }
```

- ☐

```
1 function say{hello}{  
2   alert(hello);  
3 }
```

✓ Correct

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

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?

1 / 1 point

☐

```
1 - $("#title").hover(function(){$("#enter").css("color", "red");
2 },
3 - function(){
4   $("#exit").css("color", "black");
5 }}
```

☐

```
1 - $("#title").hover(function(){
2   $("#title").css("color", "red");
3   $("#title").css("color", "black");
4 })
```

☐

```
1 - $("#title").hover(enter(){
2   $("#title").css("color", "red");
3   exit(){
4     $("#title").css("color", "black");
5 }}
```

☒

```
1 - $("#title").hover(function(){
2   $("#title").css("color", "red");
3 },
4 - function(){
5   $("#title").css("color", "black");
6 })
```

✓ Correct

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"?

1 / 1 point

☐

```
1 getElementById(document, "title");
```

☐

```
1 title.getElementById("document");
```

☒

```
1 document.getElementById("title");
```

☐

```
1 document("getElementById", "title");
```

✓ Correct

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

6. What is wrong with this jquery code?

1 / 1 point

```
1 $("h1.title").html($("#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
- ☐ It is trying to add a string (text) to a number

- ☐ It is trying to add a string (text) to a number
- ☐ It is trying to call \$ which is not a valid function name

✓ **Correct**

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:

```
1 $("h1 .title").html($("#chapterTitle3").html());
```

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

1 / 1 point

- ☒

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

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

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

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

✓ **Correct**

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

8. What does this code do?

0 / 1 point

```
1 function no(){
2   $(this).html("I'm offended");
3 }
4 $("#myfavouritebit").mouseleave(no());
5
```

- ☐ 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

! **Incorrect**

No - you can use any type of function, anonymous functions are really no different from named functions (except they don't have names!)

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

0 / 1 point

- ☐

```
1 $("#title").alert(html());
```
- ☐

```
1 alert($("#title").html());
```
- ☐

```
1 $("#title").alert();
```
- ☒

```
1 $("#title").html(alert());
```

! **Incorrect**

No - this sets the content of the html element to the result of calling alert (which is actually undefined)



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

1 / 1 point

- ☐

```
1 $("css").li.emphasised("color", "red");
```
- ☐

```
1 li.emphasised.css("color", "red");
```
- ☐

```
1 $('li, .emphasised').css('background', 'red')
```
- ☒

```
1 $('li.emphasised').css('background', 'red')
```



Correct

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.

