JavaScript Quiz

Instructions

✔ ⚙   ⦿ 🚀 (https://byu.instructure.com/courses/5724/modules/items/387981)

✅ 📝 (https://byu.instructure.com/courses/5724/modules/items/366443)

✅ 📝 (https://byu.instructure.com/courses/5724/modules/items/362850)

✅ 📄 (https://byu.instructure.com/courses/5724/modules/items/415275)

✅ 📄 (https://byu.instructure.com/courses/5724/modules/items/415286)

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	3 minutes	10.83 out of 15

Score for this attempt: **10.83** out of 15
Submitted Feb 18 at 11:59am
This attempt took 3 minutes.

Question 1	1 / 1 pts

How does a *for* loop start?

○ for (i <= 5; i++)

⦿ for (let i = 0; i <= 5; i++)

○ for i = 1 to 5

○ for (i = 0; i <= 5)

Question 2

1 / 1 pts

How does an *if* statement start?

○ if (i = 10)

○ if i === 10

⦿ if (i === 10)

○ if (var i === 10)

Question 3

0.33 / 1 pts

Which of the following are a valid syntax for creating a function in JavaScript?

☑ function f(x) { }

☑ const function f(x) = { }

☐ a.execute = (x) => { }

☐ function f(x) = { }

☑ const f = function(x) { }

Question 4

0 / 1 pts

What is the correct syntax for an object?

○ let o = { number: 1, value: "carrot", features: ['orange', 'root']};

○ let o = [number: 1, value: "carrot", features: ['orange', 'root']];

○ let o = { number: 1; value: "carrot"; features: ['orange', 'root']};

◉ let o = { "number": 1, "value": "carrot", "features": ['orange', 'root']};

Question 5

0 / 1 pts

If an object contains the following:

```
let a = { number: 1 };
```

then the following are equivalent:

```
a.number

a["number"]
```

○ True

◉ False

Question 6

1 / 1 pts

It is possible to add new properties to a JavaScript object dynamically, such as:

```
squirrel = { hungry: true, sleeping: false };

squirrel.hasEaten = false;
```

Correct!

- ⦿ True

- ○ False

Question 7

1 / 1 pts

Which of these higher-order functions will execute a provided function once on each element in an array?

- ○ filter

Correct!

- ⦿ forEach

- ○ reduce

- ○ map

Question 8

0 / 1 pts

Which of these higher-order functions creates a new array with all elements that pass the test implemented by the provided function?

- ○ filter

- ○ reduce

- ⦿ map

- ○ forEach

Question 9

1 / 1 pts

Which of these higher-order functions uses a provided function and an accumulator to reduce an array to a single value?

- ○ map

- ○ filter

- ⦿ reduce

- ○ forEach

Question 10

1 / 1 pts

Which of these higher-order functions creates a new array that contains the results of calling a provided function on every element in the original array?

- ⦿ map

○ reduce

○ filter

○ foreach

Question 11

1 / 1 pts

If you want to include JavaScript on an HTML page, which tag do you use?

○ <javascript>

○ <js>

○ <scripting>

Correct!

◉ <script>

Question 12

1 / 1 pts

The Document Object Model (or DOM) of a web page is ...

☐ a way to integrate JSON into a web page

☐ not changeable from JavaScript

Correct!

☑ a tree-structured representation of the elements of a web page

how the browser fetches data from a server

Question 13

1 / 1 pts

What is the correct JavaScript syntax to change the content of the HTML element below?

<p id="demo">This is a demonstration.</p>

○ document.getElement("p").innerHTML = "Hello World!";

Correct!

⦿ document.getElementById("demo").innerHTML = "Hello World!";

○ #demo.innerHTML = "Hello World!";

○ document.getElementByName("p").innerHTML = "Hello World!";

Question 14

0.5 / 1 pts

Choose the correct answers that describe JSON:

Correct!

☑ a server can use the JSON format to send a web browser some data

☐ JSON can only be used with JavaScript

ou Answered

☑ JSON is a JavaScript object

> JavaScript objects are very similar to JSON, and the JSON standard was influence by JavaScript, but they are not identical.

☑ JSON objects contain attribute-value pairs

Question 15

1 / 1 pts

Which of these would you use to access a remote API using JavaScript?

○ server()

◉ fetch()

○ get()

○ http()

Quiz Score: **10.83** out of 15