JS Briefing

Total points   45/50   ?

part- 1

Email *

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✓ What is the correct way to call the **random** method on the **Math** global object?   *5/5

○ Math(random)

◉ Math.random()   ✓

○ random.Math()

○ math.random()

Feedback

👏
Nice work! This is the correct syntax.

✓ How would you properly refactor this code block using the ternary operator? *5/5

```
if (walkSignal === 'Walk') {
    console.log('You may walk!');
} else {
    console.log('Do not walk!');
}
```

○ walkSignal ? console.log('You may walk!') : console.log('Do not walk!');

○ walkSignal === 'Walk' ? ('You may walk!') : ('Do not walk!');

◉ walkSignal === 'Walk' ? console.log('You may walk!') : console.log('Do not walk!'); ✓

○ walkSignal === 'Walk' : console.log('You may walk!') : console.log('Do not walk!');

Feedback

👏

Correct!

✓ If **isHungry** equals **true**, which of the following expressions evaluates to **true**?   *5/5

○ !isHungry === true

○ !isHungry

○ isHungry === false

◉ isHungry !== false   ✓

Feedback

👏

Correct!

✗ What will the following code log to the console? *   ⋯/5
let needTacos = true;

if (needTacos) {
    console.log("Finding tacos");
} else {
    console.log("Keep on keeping on!");
}

○ Keep on keeping on!

◉ Finding tacos   ✗

No correct answers

✓ **What will the following code print to the console? *** 5/5
```
let num = 10;
num *= 3;
console.log(num);
```

○ 'num'

◉ 30 ✓

○ 3

○ 10

Feedback

👏

*Correct! *= will multiply the num by 3 and then reassign the value of num to that result.*

✓ **What is the correct way to call a string's built-in method? *** 5/5

○ toUpperCase.'codecademy'();

○ 'codecademy'.toUpperCase;

◉ 'codecademy'.toUpperCase(); ✓

○ toUpperCase('codecademy');

Feedback

👏

Nice work! .toUpperCase() is appended to the string to call it.

✓   What will the code block log to the console? *   5/5
    let groceryItem = "apple";

    switch (groceryItem) {
     case "tomato":
       console.log("Tomatoes are $0.49");
       break;
     case "lime":
       console.log("Limes are $1.49");
       break;
     case "papaya":
       console.log("Papayas are $1.29");
       break;
     default:
       console.log("Invalid item");
       break;
    }

○ Tomatoes are $0.49

○ Papayas are $1.29

◉ Invalid item   ✓

○ Limes are $1.49

Feedback

👏
Correct! Since groceryItem = "apple", it does not match any of the cases, so the default
block will run.

✓ **What will the code block log to the console?**   *   5/5

```
let runTime = 35;
let runDistance = 3.5;

if (runTime <= 30 && runDistance > 3.5) {
  console.log("You're super fast!");
} else if (runTime >= 30 && runDistance <= 3) {
  console.log("You're not making your pace!");
} else if (runTime > 30 || runDistance > 3) {
  console.log("Nice workout!");
} else {
  console.log("Keep on running!");
}
```

◉ Nice workout!   ✓

◯ You're not making your pace!

◯ You're super fast!

◯ isHungry !== false

Feedback

👏

Correct!

✓ **What is string interpolation? ***   5/5

○ Changing the value of a variable.

◉ Using template literals to embed variables into strings.   ✓

○ Joining multiple strings together using operators like +

○ Printing a string to the console.

Feedback

👏

Correct! String interpolation is when we insert, or interpolate, variables into strings using template literals.

✓ **What is the outcome of this statement? ***   5/5
console.log('hi!'.length);

◉ 3 is printed to the console.   ✓

○ 'hi!'.length will be printed to the console.

○ 1 is printed to the console.

○ hi! is printed to the console.

Feedback

👏
Nice work! .length will access the length property of hi! which is 3 characters long.

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