W04 Learning Activities

Score for this attempt: **11** out of 11

Submitted Jul 22 at 7:19pm

This attempt took 3 minutes.

**Question 1**

**3 / 3 pts**

 I completed all the assigned learning activities.

True

False

**Question 2**

**1 / 1 pts**

Which of the following would change the background color of every other row in an HTML table?  
Check all that apply.

tr:odd-rows {background-color: skyblue}

tr:nth-child(even) {background-color: skyblue}

tr:even-rows {background-color: skyblue}

tr:nth-child(:not(first)) {background-color: skyblue}

tr:nth-child(odd) {background-color: skyblue}

**Question 3**

**1 / 1 pts**

In JavaScript, to set the text node of a preselected div element assigned to a variable identified as "reveal" as intended by the code, which of the following could you use?  
Check all that apply.

reveal.textContent = `🎉 Congratulations! You are having a <strong>${babygender}</strong>!`;

reveal.HTMLvalue = `🎉 Congratulations! You are having a <strong>${babygender}</strong>!`;

reveal.innerHTML = `🎉 Congratulations! You are having a <strong>${babygender}</strong>!`;

reveal.text = `🎉 Congratulations! You are having a <strong>${babygender}</strong>!`;

**Question 4**

**1 / 1 pts**

Rewrite the following JavaScript string build that uses concatenation (+) to use a **template literal** instead.

"Welcome to the " + courseName + " " + stuFirstName + "!"

`Welcome to the ${courseName} ${stuFirstName}!`

**Question 5**

**1 / 1 pts**

Given this function expression that computes the wind chill factor,

const computeWindChill = function(windSpeed, temperature) {  
 // Fahrenheit Only  
 return 35.74 + (0.6215 \* temperature) - (35.75 \* Math.pow(windSpeed, 0.16)) + (0.4275 \* temperature \* Math.pow(windSpeed, 0.16));  
};

Which of the following correctly **calls** the function using arguments of **speed** and **temp?**

function computeWindChill(speed, temp)

computeWindChill(speed, temp)

function computeWindChill()

let windChill = windChill(windSpeed, temperature)

computeWindChill(windSpeed, temperature)

**Question 6**

**1 / 1 pts**

Given the following object definition:

let esomeprazole = {'id':'mnb78932','amount':23145,'amountType':'ct','expDate':'10/01/2021'}

Which of the following JavaScript statements accesses the value associated with the **amount** key for this variable and stores it in a variable named **dose?***The variable****dose****may or may not already exist.*

*Check all that apply.*

let dose = esomeprazole['amount']

const dose = esomeprazole[0].amount[1];

let dose = amount

let dose = esomeprazole.amount

const dose = amount

**Question 7**

**1 / 1 pts**

Given the following array definition and subsequent code,

const countries = ["Canada", "Chili", "Colombia", "Croatia", "Costa Rica"];  
const countriesLong = countries.filter((country) => country.length > 7);

What will be assigned to the array **countriesLong**?

undefined

null

"Colombia", "Costa Rica"

"Canada", "Chili", "Colombia", "Croatia", "Costa Rica"

**Question 8**

**1 / 1 pts**

Given the following segment of code, which of the following options will return a new array named **statusReport** which will contain the course **status** of any array of point total grades?  
*An example array is provided as****points****.*

const points = [100, 88, 94, 78, 84, 69];  
  
function convertPointsToStatus(pointTotal) {  
 let status = 'Not Complete';  
 if (pointTotal >= 93) {  
 status = "Excellent";  
 } else if (pointTotal >= 70) {  
 status = "Complete";  
 }  
 return status;  
}

const statusReport = points.map(convertPointsToStatus);

const statusReport = points.reduce(convertPointsToStatus);

const statusReport = points.convert(convertPointsToStatus);

const statusReport = points.filter(convertPointsToStatus);

**Question 9**

**1 / 1 pts**

In your **base.css** file you have the following CSS rule:

span p {font-size: 1.5rem}

In the **larger.css** file you have the following rule:

@media only screen and (min-width: 32rem) {  
     span {font-size: 2rem}  
}

What will the font size be for paragraphs in span elements when rendered on a browser?  
*Check all that apply.*

On larger screens the font size will be 1.5rem.

The font size on larger screens cannot be determined and the result will be a default font size.

On larger screens the font size will be 2rem.