


# W04 Learning Activities

- Due Sep 25 at 11:59pm
- Points 11
- Questions 9
- Available until Oct 9 at 11:59pm
- Time Limit None
- Allowed Attempts 3

## Instructions

1. **Complete** the [learning activities](https://byui-cse.github.io/wdd131-ww-course/week04/).  (<https://byui-cse.github.io/wdd131-ww-course/week04/>)
2. **Complete** this quiz to check your understanding.
3. Conditions
  - The quiz is open note, application, and internet.
  - Your latest score will be recorded in the gradebook.

Take the Quiz Again

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	4 minutes	10 out of 11

❗ Correct answers are hidden.

Score for this attempt: 10 out of 11

Submitted Oct 8 at 4:51pm

This attempt took 4 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:nth-child(odd) {background-color: skyblue}`

- ☐ tr:even-rows {background-color: skyblue}
- ☐ tr:nth-child(:not(first)) {background-color: skyblue}
- ☐ tr:odd-rows {background-color: skyblue}
- ☒ tr:nth-child(even) {background-color: skyblue}

Incorrect



### Question 3

0 / 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.innerHTML = ` 🎉 Congratulations! You are having a <strong>\${babygender}</strong>!`;
- ☒ reveal.textContent = ` 🎉 Congratulations! You are having a <strong>\${babygender}</strong>!`;
- ☐ reveal.HTMLvalue = ` 🎉 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**?

- ☐ let windChill = windChill(windSpeed, temperature)
- ☒ computeWindChill(speed, temp)
- ☐ function computeWindChill(speed, temp)

- ☐ computeWindChill(windSpeed, temperature)
- ☐ function computeWindChill()



### 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 = amount
- ☒ let dose = esomeprazole.amount
- ☐ const dose = amount
- ☒ let dose = esomeprazole['amount']
- ☐ const dose = esomeprazole[0].amount[1];



### 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**?

- ☒ "Colombia", "Costa Rica"
- ☐ undefined
- ☐ "Canada", "Chili", "Colombia", "Croatia", "Costa Rica"
- ☐ null



### 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.filter(convertPointsToStatus);
- ☐ const statusReport = points.reduce(convertPointsToStatus);
- ☒ const statusReport = points.map(convertPointsToStatus);
- ☐ const statusReport = points.convert(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.*

- ☐ 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 1.5rem.
- ☐ On larger screens the font size will be 2rem.

Quiz Score: 10 out of 11