**W04 Learning Activities**

* **Due** Mar 27 at 11:59pm

* **Points** 11

* **Questions** 9

* **Available** until Apr 10 at 11:59pm

* **Time Limit** None

* **Allowed Attempts** 3

**Instructions**

1. **Complete**the [learning activities.Links to an external site.](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](https://byupw.instructure.com/courses/7893/quizzes/54834/take?user_id=31534)

Attempt History

|  | **Attempt** | **Time** | **Score** |
| --- | --- | --- | --- |
| **LATEST** | [Attempt 1](https://byupw.instructure.com/courses/7893/quizzes/54834/history?version=1) | 19 minutes | 11 out of 11 |

 Correct answers are hidden.

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

Submitted Mar 27 at 7:39pm

This attempt took 19 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.text = `🎉 Congratulations! You are having a <strong>${babygender}</strong>!`;



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



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



reveal.innerHTML = `🎉 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 + "!"



**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?**



computeWindChill(windSpeed, temperature)



computeWindChill(speed, temp)



function computeWindChill()



let windChill = windChill(windSpeed, temperature)



function computeWindChill(speed, temp)

**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 = amount



let dose = amount



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



let dose = esomeprazole.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



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



"Colombia", "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.convert(convertPointsToStatus);



const statusReport = points.filter(convertPointsToStatus);



const statusReport = points.reduce(convertPointsToStatus);



const statusReport = points.map(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.

Quiz Score: **11** out of 11