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Module 3 Quiz

Latest Submission Grade 85.71%

1. Do you need a loop inside a loop to generate the seats for the venue in the seat reservation project, and if so, why?

0 / 1 point

- ☒ The loop inside the loop is necessary because there are three sections and you have to loop through all three of them.
- ☐ Generating the seats in JavaScript is not an option. Instead, manually create 300 unique divs because it will be more efficient within the program.
- ☐ The loop inside the loop is not necessary. You can use switch statements instead.
- ☐ You need a loop within a loop because each section has rows and each row has seats.

✗ Incorrect

Please revisit the lesson **Introduction to Creating the Seats**.

2. Could seats for the venue be generated using a different method or numbering scheme?

1 / 1 point

- ☐ Yes, but you would need to change your approach to the whole project.
- ☐ No, the seats have to be numbered according to the scheme provided for the application to work properly.
- ☒ Yes, as long as each seat gets a unique ID they could be organized in any number of ways.

✓ Correct

Yes, this is how we select the player.

3. What does the placement variable represent from the createRows() function shown below?

1 / 1 point

```
switch (placement) {  
  
    case "left": html += `<div class="label">${row}</div>`; break;  
  
    case "right": counter = counter + (rowLength - sectionLength); break;  
  
    default: counter = counter + ((rowLength - sectionLength) / 2);  
  
}
```

- ☐ The placement variable is used to identify each unique id of each seat in the venue.
- ☐ The placement variable is used to identify how many seats are needed for each row.
- ☐ The placement variable is optional and can be left empty.
- ☒ The placement variable is used to identify which section of the seating venue you are currently trying to fill with seats.

✓ Correct

4. Identify the ultimate goal for this part of the project.

1 / 1 point

- ☐ The goal for this part of the project is to create the user interface that users would interact with, while selecting seats to reserve in the venue.
- ☐ The goal for the second part of the project is to create the seats in the venue, ensuring that each seat has a unique id, following the specified pattern.
- ☒ The goal for this part of the project is to read data from an object, as if that data came from a database indicating seats that had been previously reserved, and update the DOM to reflect that so they can not be selected again.
- ☐ The goal for Seat Reservation part 2 is to make it possible for users to select seats and save them to the object at the top of the page.

✓ Correct

5. Identify true statements about the splice() method. (Select all that apply.)

1 / 1 point

- ☒ The splice method takes an index number used to indicate where to start splicing the array.

✓ Correct

- ☒ The splice() method is an array method and can be used only on arrays.

✓ Correct

- ☐ The splice() method should not be used because it's deprecated.

- ☐ The splice() method is used on strings and objects.

- ☒ The splice method takes a second argument indicating how many elements to remove from the array, starting at the splice location.

✓ Correct

- ☐ The splice() method allows you to splice two arrays into one.

6. Identify user interface issues that the manageConfirmForm function has to address. (Select all that apply.)

1 / 1 point

- ☐ It limits the number of seats any individual can reserve at once

- ☐ It will handle errors, such as user typing bad data into the form.

- ☒ Display the correct message if a user chooses one seat or multiple seats.

✓ Correct

- ☐ It will only allow users to reserve a seat if they are logged in.

- ☒ Users trying to reserve seats without having selected seats to reserve.

✓ Correct

7. Identify ways the seat reservation program could be further adapted or modified. (Select all that apply.)

1 / 1 point

- ☒ You could connect this project to a database to hold on to data, long term.

✓ Correct

- ☒ Could be modified to restrict access to seats adjacent to occupied seats for "social distancing".

✓ Correct

- ☒ Other venues with different seating arrangements.

✓ Correct

- ☐ The script can not be modified without losing functionality.

- ☒ Could limit the number of seats a particular user can reserve at once.

✓ Correct