Lab 2 (1/27)

Submit your team number

Question *Submitted Jan 27th 2023 at 2:06:49 pm*

Please enter your team number.

50

Solve the following question in lab2.html

First of all, copy and paste the code snippet below and save it as **lab2.html.**

```
<!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet" href="styles.css" />
    <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Lab2 activity</title>
</head>
<body>
    <p id="name"> </p>
    <p id="age"> </p>
    <p id="hobbies"> </p>
        <script type="text/javascript">

        const student = {
            name: 'John',
            age: 20,
            hobbies: ['reading', 'games', 'coding'],
        };

        //Your code here
        </script>
    <!-- Your Scenery code here -->



</body>
</html>
```

You are given an object `student` in <script>. JSON is a specific notation that is useful to define an object with multiple properties. You will find its structure very similar to Python dictionaries. Read this link to get some information on how to access and manipulate it.

Iterate through all key/value pairs in the student object and print each value both to the console and to its corresponding <p> tag. The output should look as below on the console and HTML webpage.

```
name - John
age - 20
hobbies - ["reading", "games", "coding"]
```

1. Convert the student object into a String and print it on the console. (Hint: read the hyperlink shared above)

2. Add another hobby "singing" to the object array hobbies

Question *Submitted Jan 27th 2023 at 2:06:43 pm*

Are you done with the activities and ready to submit your files?

- 🔘 Yes, we are done!

- ⚪ No we are not done

Scalable Vector Graphics

In this section, your task is to draw a scenic landscape using SVG elements in lab2.html and any styling in styles.css. The objective of this task is to familiarize you with svg elements i.e how to manipulate their positioning and style them. In the later exercises of this class you will be using the same elements within bar charts, line charts etc.

- Make an *svg* with a predefined width and height (e.g width = 1000, height = 500)
- Include relevant SVG elements to create the land, sky, mountains, and the sun.
- Use CSS to style your landscape as shown in the example image
- Feel free to add more elements to this svg to enhance it.

Hints:

- Use *group* tags when possible to make your code easy to manipulate.
- The positioning of the svg elements can be done through some variables

Question *Submitted Jan 27th 2023 at 2:06:55 pm*

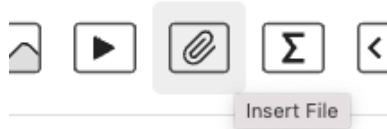Are you done with the activity and ready to submit?

- ⦿ Yes, we are done!

- ◯ No we are not done

Upload Your Files

Question 1 *Submitted Jan 27th 2023 at 3:02:00 pm*

Upload the screenshot of your lab2.html . You will need to click the "clip" button to upload a file into the Answer box.
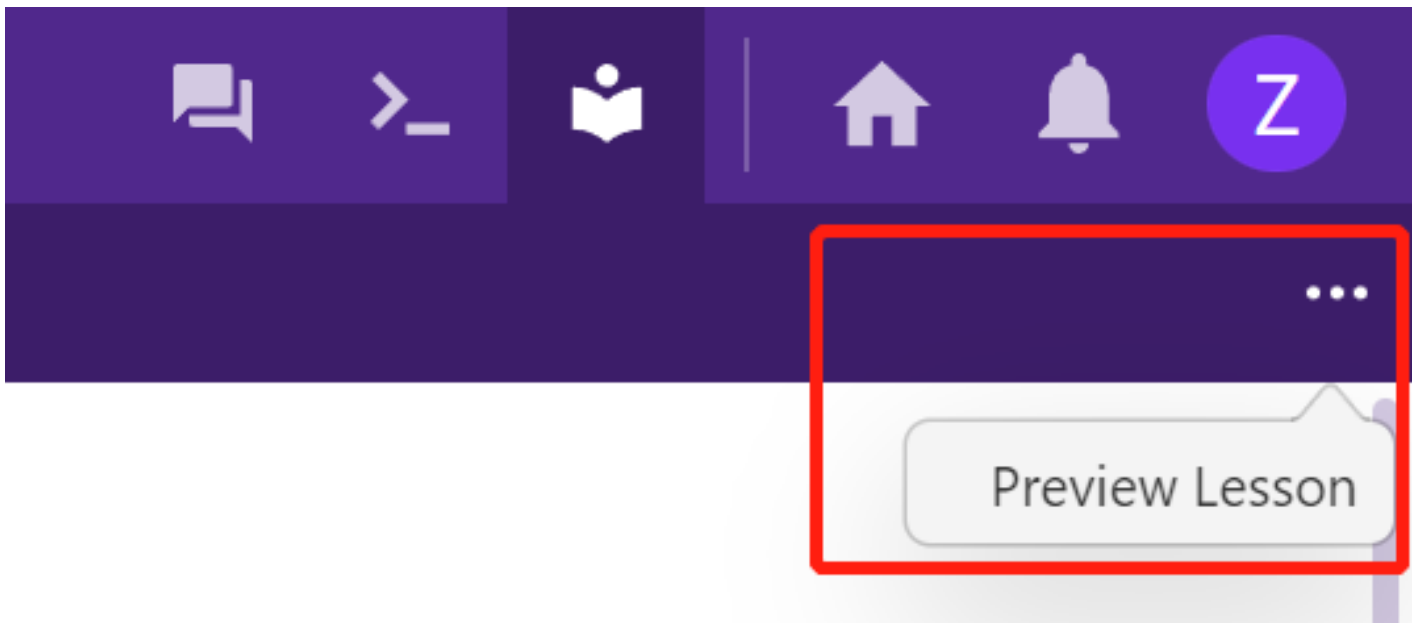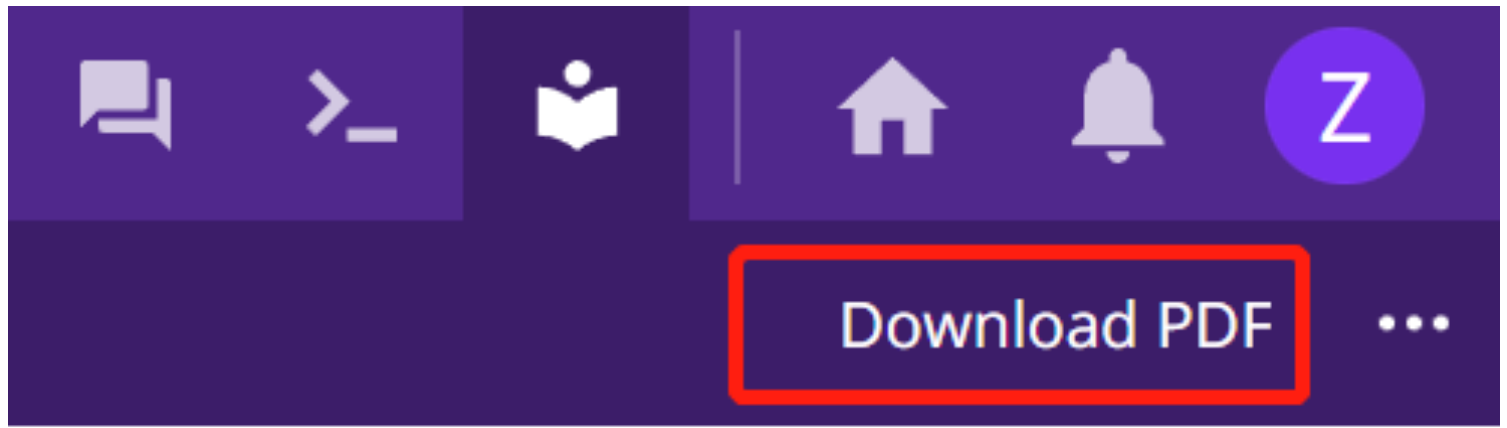

📄 lab2html.png

Question 2

You need to download the PDF of lab 2 and upload it with other files to the Gradescope. Follow the instructions on how to download PDF file:

1. Click on the ellipsis button and the Preview Lesson.

2. After that, click on the Download PDF button.

○ PDF downloaded!

○ Haven't done yet!

Question 3

Upload the following files to Gradescope. You need to make **a group submission,adding all present members in your team**, so that the present members get the participation credit.

Files to upload:

- lab2.html
- style.css (if any)
- PDF you downloaded as Q2

○ Our team uploaded the two three on gradescope!

○ Oops, our team did not upload the three files on gradescope!

Feedback

Question

Was the activity today clear? If not, please share how the course can improve it. Your comments will help us design future lab content (and also future students).

No response