Unit 1: HTML, CSS AND CLIENT-SIDE

AUG-DEC 2024

Name:	SRN:	Section:
	Date:	Unit 1 Assignment
		Exercise

PROBLEM STATEMENT1 (for EVEN number SRNs):

Create an Indian Budget 2024 survey form template using HTML tags headings, paragraphs, anchor tags, tables, images, forms and lists.

This **HTML template** should include:

- Heading "Indian Budget 2024 Survey Form".
- An overview of the budget highlights in a table with the table heading "Indian Budget 2024 Highlights" Form consisting of multiple fields and a list of schemes announced in the 2024 budget by the Finance Minister.
 - (i) A link to display more detailed information on the budget.
 - (ii) Background color to the table and page.
 - (iii) Row span and column span wherever needed.
 - (iv) Use external CSS for styling the webpage.
 - (v) Basic JavaScript function to handle the feedback form submission.

The web page should display

- I. Form consisting of multiple fields which should include
 - A. Textboxes
 - B. Labels
 - C. Radio buttons
 - D. Dropdowns
- II. Use **external CSS** for **styling the webpage.**

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- III. Add relevant images to the page, including at least one compulsory image.
- IV. A feedback form to collect the user's name, Gender, email, phone number, State and feedback.
- V. Validate the form fields using input properties
 - A. All the fields in the form are required.
 - B. **Email** should be in **proper format**
 - C. Mobile number field should consist of exactly 10 digits
 - D. Reset button to be there to reset all the fields.
 - E. **Set the default state to one option**, and provide a dropdown menu to select other states or choose 'Other'.
 - F. Feedback should be entered before submitting the form.
- VI. Make use of a **function for on submit button click**, using **JavaScript** to display "Thank you for your feedback, <user's name>!" as an alert message.
- VII. Use the **reset button** to **clear all fields**.

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OBJECTIVE

The objective of this exercise is to test the student on HTML. It evaluates the student's knowledge on the basic HTML tags for displaying images, lists, tables, forms and links, CSS Styles and JavaScript Basics.

PREREQUISITE

In order to complete this exercise, the student needs to understand the fundamentals of HTML and CSS. The student must be familiar with the basic HTML tags for creating links, lists etc., CSS and JavaScript.

PROGRAM

```
assignment.html
```

```
<!DOCTYPE html>
 <title>Indian Budget 2024 Survey Form</title>
 <link rel="stylesheet" type="text/css" href="styles.css">
 <script src="script.js" defer></script>
 <h1>Indian Budget 2024 Survey Form</h1>
 <div id="main">
    <h2>Indian Budget 2024 Highlights</h2>
    Item
            Changes
           Taxes
            Services
              Increased
              Decreased
```

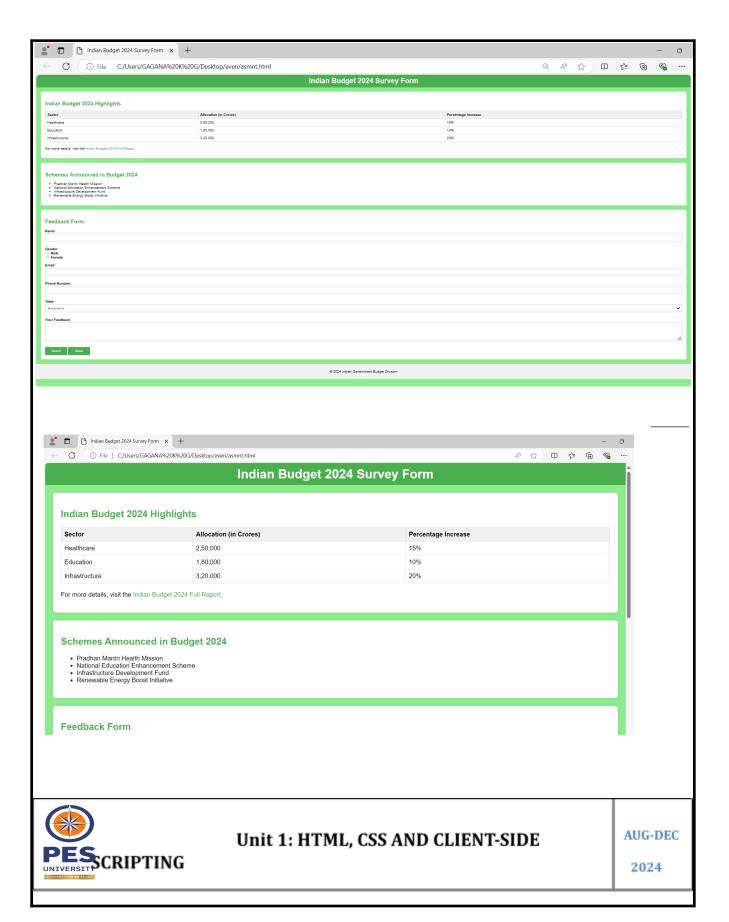
```
<h2>List of Schemes</h2>
          More taxes
          Less government support
          Tax cuts for the rich
        40% tax on petrol
      <a href="detailed information.html">More detailed information on the
      <form id="feedbackForm" onsubmit="submitForm(event)">
         <h2>Feedback Form</h2>
          <label for="name">Name:</label><br>
          <input type="text" id="name" required><br>
          <label for="gender">Gender:</label><br>
         <input type="radio" id="male" name="gender" value="male"</pre>
required>
          <label for="male">Male</label><br>
         <input type="radio" id="female" name="gender" value="female"</pre>
required>
         <label for="female">Female</label><br>
        <input type="radio" id="other" name="gender" value="other"</pre>
required>
        <label for="other">Other</label><br>
         <label for="email">Email:</label><br>
         <input type="email" id="email" required><br>
         <label for="phone">Phone Number:</label><br>
         <input type="tel" id="phone" pattern="[0-9]{10}" required><br>
          <label for="state">State:</label><br>
          <select_id="state"_required>
            <option value="default" selected>Select a state
         </select><br>
          <label_for="feedback">Feedback:
          <textarea id="feedback" required></textarea><br>
          <input type="submit" value="Submit">
```

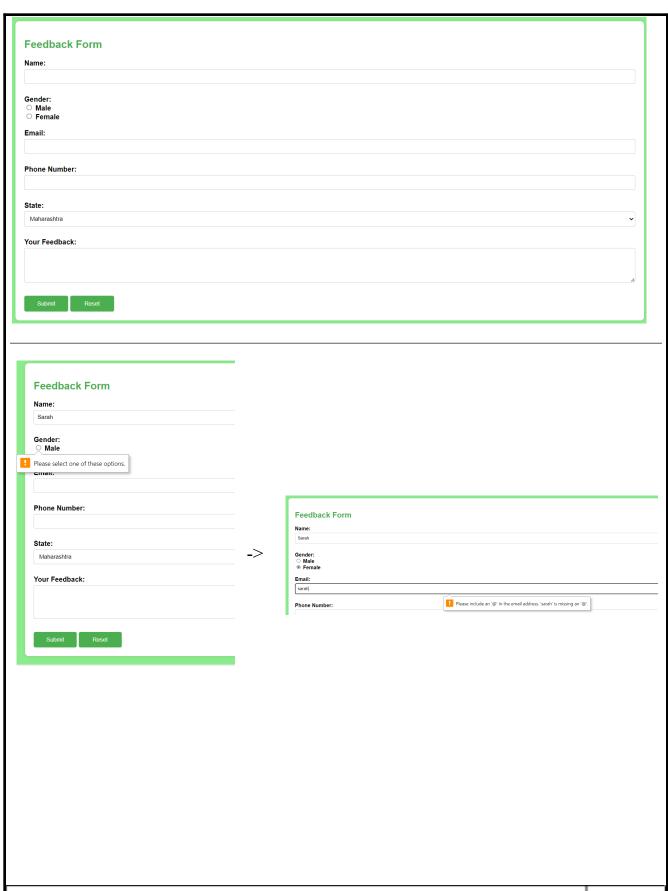
```
<input type="reset" value="Reset">
     </form>
</pody>
/html>
styles.css
  background-color: rgb(0, 243, 0);
 border-radius: 5px;
 padding: 20px;
h1 {
  text-align: center;
  background-color: darkgreen;
  color: white;
  border-top-left-radius: 5px;
  border-top-right-radius: 5px;
#main {
  background-color: white;
  border-radius: 5px;
 padding: 20px;
script.is
function submitForm(event) {
  event.preventDefault();
  var name = document.getElementById("name").value;
  alert("Thank you for your feedback, " + name + "!");
var states = ["Andhra Pradesh", "Arunachal Pradesh", "Assam", "Bihar",
"Chhattisgarh", "Goa", "Gujarat", "Haryana", "Himachal Pradesh",
"Jharkhand", "Karnataka", "Kerala", "Madhya Pradesh", "Maharashtra",
"Manipur", "Meghalaya", "Mizoram", "Nagaland", "Odisha", "Punjab",
"Rajasthan", "Sikkim", "Tamil Nadu", "Telangana", "Tripura", "Uttar
Pradesh", "Uttarakhand", "West Bengal", "Andaman and Nicobar Islands",
"Chandigarh", "Dadra and Nagar Haveli and Daman and Diu", "Delhi",
"Lakshadweep", "Puducherry"];
var selectElement = document.getElementById("state");
```

```
if (selectElement) {
    for (var i = 0; i < states.length; i++) {
        var option = document.createElement("option");
        option.value = states[i];
        option.text = states[i];
        selectElement.appendChild(option);
        }
} else {
    console.error("Element with id 'state' not found.");
}</pre>
SCREENSHOT OF YOUR OUTPUT
```



SCREENSHOT OF OUTPUT (reference)







Phone Number:		
123		
State:	Please match the requested	format.
State:		
Maharashtra		
Maharashtra		
Gujarat		
Karnataka		
Tamil Nadu		
Other		
eedback Form		
arah		
nder: Male		
Female ail:		
rah@gmail.com		
one Number: :34567891		
ite:		
aharashtra		
ur Feedback:		
	Please fill out this field.	
Submit Reset		
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