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|--------------|--------------|---------------------------------------|
| 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.**

- 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**.

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>
<html>
<head>
  <title>Indian Budget 2024 Survey Form</title>
  <link rel="stylesheet" type="text/css" href="styles.css">
  <script src="script.js" defer></script>
</head>
<body>
  <h1>Indian Budget 2024 Survey Form</h1>
  <div id="main">
    <h2>Indian Budget 2024 Highlights</h2>
    <table border="border">
      <thead>
        <tr>
          <th>Item</th>
          <th>Changes</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Taxes</td>
          <td>Services</td>
        </tr>
        <tr>
          <td>Increased</td>
          <td>Decreased</td>
```

```
        </tr>
    </tbody>
</table>

<h2>List of Schemes</h2>
<ul>
    <li>More taxes</li>
    <li>Less government support</li>
    <li>Tax cuts for the rich</li>
    <li>40% tax on petrol</li>
</ul>
<a href="detailed_information.html">More detailed information on the
budget</a>

<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"
required>
    <label for="male">Male</label><br>
    <input type="radio" id="female" name="gender" value="female"
required>
    <label for="female">Female</label><br>
    <input type="radio" id="other" name="gender" value="other"
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</option>
    </select><br>

    <label for="feedback">Feedback:</label><br>
    <textarea id="feedback" required></textarea><br>

    <input type="submit" value="Submit">
```

```
        <input type="reset" value="Reset">
    </form>
</div>
</body>
</html>
```

styles.css

```
body {
    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.js

```
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.");  
}
```

[SCREENSHOT OF YOUR OUTPUT](#)



[SCREENSHOT OF OUTPUT \(reference\)](#)

Indian Budget 2024 Survey Form

FileC:/Users/GAGANA%20K%20G/Desktop/even/asmnt.html

Indian Budget 2024 Survey Form

Indian Budget 2024 Highlights

| Sector | Allocation (in Crores) | Percentage Increase |
|----------------|------------------------|---------------------|
| Healthcare | 2,50,000 | 15% |
| Education | 1,80,000 | 10% |
| Infrastructure | 3,20,000 | 20% |

For more details, visit the Indian Budget 2024 Full Report.

Schemes Announced in Budget 2024

- Pradhan Mantri Health Mission
- National Education Enhancement Scheme
- Infrastructure Development Fund
- Renewable Energy Boost Initiative

Feedback Form

Name:

Gender:
☐ Male
☐ Female

Email:

Phone Number:

State:

Madhya Pradesh

Your Feedback:

SubmitReset

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Indian Budget 2024 Survey Form

FileC:/Users/GAGANA%20K%20G/Desktop/even/asmnt.html

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Feedback Form



PES
UNIVERSITY
SCRIPTING
CELEBRATING 50 YEARS

Unit 1: HTML, CSS AND CLIENT-SIDE

AUG-DEC
2024

Feedback Form

Name:

Gender:

- ☐ Male
☐ Female

Email:

Phone Number:

State:

Your Feedback:

Submit

Reset

Feedback Form

Name:

Gender:

☐ Male

! Please select one of these options.

Email:

Phone Number:

State:

Your Feedback:

Submit

Reset

Feedback Form

Name:

Gender:

☐ Male

☒ Female

Email:

! Please include an '@' in the email address. 'sarah' is missing an '@'.

Phone Number:

Phone Number:

123

State:



Please match the requested format.

State:

Maharashtra

Maharashtra

Gujarat

Karnataka

Tamil Nadu

Other

Feedback Form

Name:

Sarah

Gender:

☐ Male

☒ Female

Email:

sarah@gmail.com

Phone Number:

1234567891

State:

Maharashtra

Your Feedback:



Please fill out this field.

Submit

Reset

Indian Budget 2024 Survey Form

File | C:/Users/GAGANA%20K%20G/Desktop/even/asmnt.html

Feedback Form

Name:
Sarah

Gender:
☐ Male
☒ Female

Email:
sarah@gmail.com

Phone Number:
1234567891

State:
Maharashtra

Your Feedback:
Great work!

This page says
Thank you for your feedback, Sarah!

OK

Indian Budget 2024 Survey Form

File | C:/Users/GAGANA%20K%20G/Desktop/even/asmnt.html?name=Sarah&gender=female&email=sarah%40gmail.com&phone=1234567891&state=Maharashtr...
