

Name: ABHISHEK P	SRN: PES2UG23AM002	Section: A(AIML)
	Date: 05-09-2024	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

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Indian Budget 2024 Survey Form</title>
<style>
  body
  {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f9f2ec;
  }
  .container
  {
    max-width: 1200px;
    margin: 20px auto;
    background-color: #fff;
    border: 1px solid #ddd;
    padding: 20px;
  }
  h1
  {
    background-color: #ff9800;
    color: white;
    padding: 15px;
    text-align: center;
```

```
margin-bottom: 20px;
}
h2
{
background-color: #ff5722;
color: white;
padding: 10px;
margin-bottom: 10px;
}
h3
{
margin-top: 0;
color: #333;
}
table
{
width: 100%;
border-collapse: collapse;
margin-bottom: 20px;
}
table, th, td
{
border: 1px solid #ddd;
}
th, td
{
padding: 10px;
text-align: left;
}
th
{
background-color: #ff7043;
color: white;
}
caption
{
caption-side: top;
font-weight: bold;
margin-bottom: 10px;
}
ul
{
```

```
list-style-type: disc;
padding-left: 20px;
margin-bottom: 20px;
}
ul li
{
margin-bottom: 5px;
}
.feedback-form
{
padding: 20px;
border: 1px solid #ddd;
background-color: #fff3e0;
margin-top: 20px;
}
.feedback-form label
{
display: block;
margin-bottom: 8px;
color: #333;
}
.gender-options
{
display: flex;
align-items: center;
gap: 10px;
margin-bottom: 10px;
}
.feedback-form input[type="text"], .feedback-form input[type="email"], .feedback-
form input[type="tel"], .feedback-form textarea, .feedback-form select
{
width: 100%;
padding: 8px;
margin-bottom: 10px;
border: 1px solid #ccc;
border-radius: 4px;
}
.feedback-form input[type="radio"]
{
margin-right: 5px;
}
.feedback-form input:invalid
```

```
{
  border-color: red;
}
.feedback-form input:invalid:focus
{
  background-color: #ffdddd;
}
.feedback-form button
{
  width: 100px;
  padding: 10px;
  background-color: #ff5722;
  color: white;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  margin-right: 10px;
}
.feedback-form button[type="reset"]
{
  background-color: #f44336;
}
.feedback-form button:disabled
{
  background-color: #ccc;
  cursor: not-allowed;
}
footer
{
  text-align: center;
  padding: 10px;
  background-color: #ff9800;
  color: white;
  margin-top: 20px;
}
/* Modal Styles */
.modal
{
  display: none;
  position: fixed;
  z-index: 1;
  left: 0;
```

```
    top: 0;
    width: 100%;
    height: 100%;
    overflow: auto;
    background-color: rgba(0, 0, 0, 0.5);
}
.modal-content
{
    background-color: #fff;
    margin: 15% auto;
    padding: 20px;
    border: 1px solid #888;
    width: 300px;
    border-radius: 8px;
    text-align: center;
}
.modal-content h3
{
    color: #ff5722;
    margin-bottom: 20px;
}
.modal-content button
{
    background-color: #ff9800;
    color: white;
    border: none;
    padding: 10px 20px;
    border-radius: 4px;
    cursor: pointer;
}
.budget-image
{
    display: block;
    margin: 20px auto;
    max-width: 100%;
    height: auto;
}
</style>
</head>
<body>

<div class="container">
```

Indian Budget 2024 Survey Form

Indian Budget 2024 Highlights

<table>

<tr>

<th>Sector</th>

<th>Allocation (in Crores)</th>

<th>Percentage Increase</th>

</tr>

<tr>

<td>Healthcare</td>

<td>2,50,000</td>

<td>15%</td>

</tr>

<tr>

<td>Education</td>

<td>1,80,000</td>

<td>10%</td>

</tr>

<tr>

<td>Infrastructure</td>

<td>3,20,000</td>

<td>20%</td>

</tr>

</table>

<p>For more details, visit the

Indian Budget 2024 Full Report.</p>

Schemes Announced in Budget 2024

Pradhan Mantri Health Mission

National Education Enhancement Scheme

Infrastructure Development Fund

Renewable Energy Boost Initiative

<div class="feedback-form">

Feedback Form

<form id="surveyForm" onsubmit="return handleSubmit(event)">

<label for="name">Name:</label>

<input type="text" id="name" name="name" required>

<label for="gender">Gender:</label>

<div class="gender-options">

<label><input type="radio" id="male" name="gender" value="male" required>

Male</label>


```
<label><input type="radio" id="female" name="gender" value="female" required>
Female</label>
</div>
<label for="email">Email:</label>
<input type="email" id="email" name="email" required>
<div id="emailError" style="color: red; display: none;">Please enter a valid email
address.</div>
<label for="phone">Phone Number:</label>
<input type="tel" id="phone" name="phone" pattern="[0-9]{10}" required>
<div id="phoneError" style="color: red; display: none;">Please enter a 10-digit
phone number.</div>
<label for="state">State:</label>
<select id="state" name="state" required>
  <option value="">Please select your state</option>
  <option value="Karnataka">Karnataka</option>
  <option value="Maharashtra">Maharashtra</option>
  <option value="Delhi">Delhi</option>
  <option value="Other">Other</option>
</select>
<label for="feedback">Your Feedback:</label>
<textarea id="feedback" name="feedback" rows="4" required></textarea>
<button type="submit">Submit</button>
<button type="reset">Reset</button>
</form>
</div>

<footer>&copy; 2024 Indian Government Budget Division</footer>
</div>
<div id="thankYouModal" class="modal">
  <div class="modal-content">
    <h3>This page says:</h3>
    <p id="thankYouMessage"></p>
    <button onclick="closeModal()">OK</button>
  </div>
</div>
<script>
const form = document.getElementById('surveyForm');
const email = document.getElementById('email');
const phone = document.getElementById('phone');
const emailError = document.getElementById('emailError');
```

```
const phoneError = document.getElementById('phoneError');
const modal = document.getElementById('thankYouModal');
const thankYouMessage = document.getElementById('thankYouMessage');
form.addEventListener('submit', function(event)
{
    let valid = true;
    if (!email.validity.valid)
    {
        emailError.style.display = 'block';
        valid = false;
    }
    else
    {
        emailError.style.display = 'none';
    }
    if (!phone.validity.valid)
    {
        phoneError.style.display = 'block';
        valid = false;
    }
    else
    {
        phoneError.style.display = 'none';
    }
    if (!valid)
    {
        event.preventDefault();
    }
});
function handleSubmit(event)
{
    event.preventDefault();
    const userName = document.getElementById('name').value;
    thankYouMessage.textContent = `Thank you for your feedback, ${userName}!`;
    modal.style.display = 'block';
}
function closeModal()
{
    modal.style.display = 'none';
}
</script>
</body>
```

</html>

SCREENSHOT OF YOUR OUTPUT

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:

Please select your state

Your Feedback:

Submit

Reset



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:

Please select your state



State:

Please select your state

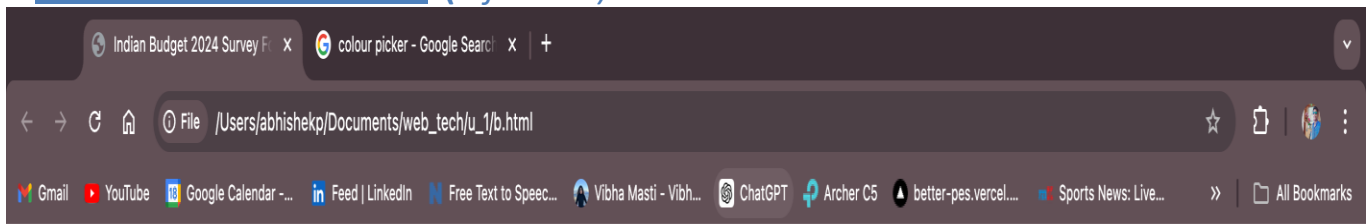
Your Feedback:

Submit

Reset



SCREENSHOT OF OUTPUT *(reference)*



- Infrastructure Development Fund
- Renewable Energy Boost Initiative

Feedback Form

Name:

Gender:

☐ Male ☐ Female

! Please fill in this field.

Email:

Phone Number:

State:

Please select your state



Your Feedback:

Submit

Reset



- Infrastructure Development Fund
- Renewable Energy Boost Initiative

Feedback Form

Name:

Abhishek P

Gender:

☒ Male ☐ Female

Email:

9481331825

Phone Number:

! Please include an '@' in the email address. '9481331825' is missing an '@'.

State:

Please select your state

Your Feedback:

Submit

Reset



- Infrastructure Development Fund
- Renewable Energy Boost Initiative

Feedback Form

Name:

Abhishek P

Gender:

☒ Male ☐ Female

Email:

example@gmail.com

Phone Number:

123

State:

Karnataka

⚠ Please match the format requested.

Your Feedback:

good

Submit

Reset



Name:

Abhishek P

Gender:

☒ Male ☐ Female

Email:

example@gmail.com

Phone Number:

9481331825

State:

✓ Please select your state

Karnataka

Maharashtra

Delhi

Other

Submit

Reset

UNION
BUDGET



Feedback Form

Name:

Abhishek P

Gender:

☒ Male ☐ Female

Email:

example@gmail.com

Phone Number:

9481331825

State:

Maharashtra

Your Feedback:

Submit

Reset

! Please fill in this field.

UNION



- Infrastructure Development Fund
- Renewable Energy Boost Initiative

Feedback Form

Name:

Abhishek P

Gender:

☒ Male ☐ Female

Email:

982004abhishek@gmail.com

Phone Number:

9481331825

State:

Karnataka

Your Feedback:

Could have been better.

Submit

Reset

This page says:

Thank you for your feedback, Abhishek P!

OK
