

IT & Computer Science

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Section: SE (GREEN)

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Web Engineering Lab # 02

Survey Form through HTML

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title> Survey Form</title>
</head>
<style>
  form {
    background-color: #adeee7;
    width: 600px;
    border-radius: 10px;
    padding: 15px;
    margin-left: 20px;
  }

  section {
    border: solid 1px black;
    border-radius: 10px;
    padding: 15px;
    height: auto;
    width: 400px;
    margin-left: 150px;
  }

  h3 {
    text-decoration: underline;
  }

  input {
    border-radius: 10px;
    border-color: aliceblue;
    background-color: #adeee7;
    padding: 7px;
  }
</style>
<body>

  <h3 style="text-align: center; color: green;">Wellcom to student survey form!</h3>

  <div style="margin: 20px;">
```

```
<form action="/survey-submit" method="POST">
  <h3>Section 01: Personal Information</h3>
  <section>
    <label for="name">Full Name:</label>
    <input type="text" placeholder="name here..." required>
    <br><br>

    <label for="email">Email Address:</label>
    <input type="email" placeholder="email here..." required>
    <br><br>

    <label for="password">Password:</label>
    <input type="password" required>
    <br><br>

    <label for="age">Age:</label>
    <input type="number" placeholder="your age..." required>
    <br><br>

    <label for="dob">Date of Birth</label>
    <input type="date" placeholder="date of birth" required>
    <br><br>

    <label for="ph">Ph Number:</label>
    <input type="tel" placeholder="phone number..." required>
    <br><br>
  </section>

  <h3>Section 02: Preference</h3>
  <section>
    <label for="gender">Gender:</label>
    <br>
    <input type="radio" name="gender"> Male
    <input type="radio" name="gender"> Female
    <input type="radio" name="gender"> Other

    <br><br>

    <label for="hoob">Hobbies</label>
    <br>
    <input type="checkbox" name="reading"> Reading
    <input type="checkbox" name="sports"> sports
    <input type="checkbox" name="Traveling"> Traveling
    <input type="checkbox" name="coding"> Coding
    <input type="checkbox" name="cooking"> Cooking
```

```

<br><br>

<label for="fcolor">Select your Fav Color:</label>
<br>
<select style="background-color: #adeee7;" required>
  <option selected>Chose your fav Color below:</option>
  <option>Red</option>
  <option>Blue</option>
  <option>Green</option>
  <option>Yellow</option>
</select>

<br><br>

<label for="happiness">Range Your Happiness</label>
<input type="number" min="1" max="10" placeholder="selecr 1 to 10">
<input type="range" required>
</section>

<h3>Section 03: Feedback</h3>

<section>
  <label for="feed">Your message About Us:</label>
  <br>
  <textarea style="background-color: #adeee7; border-radius: 10px;"
name="fbmessage" placeholder="Feedback here..." cols="20" rows="10"></textarea>

  <br><br>

  <label for="file">Upload a File</label>
  <input type="file" required>

  <br><br>

  <label for="id">Your ID</label>
  <input type="hidden" placeholder="No Worries it should be hide!" required>
</section>

<br><br>

<h3>Submission</h3>
<section>
  i'm sure that the above info is valid and not copied from any others<input
type="checkbox" required>

  <br><br>

```

```
<div style="text-align: center;">
    <input style="color: rgb(97, 34, 34); font-size: larger; width: 100px;
cursor: pointer; margin-right: 40px;" type="submit" required>
    <input style="color: rgb(255, 0, 0); font-size: larger; width: 100px;
cursor: pointer;" type="reset" required>
</div>
</section>
</form>
</div>
</body>
</html>
```

Output:

Wellcom to student survey form!

Section 01: Personal Information

Full Name:

Email Address:

Password:

Age:

Date of Birth 

Ph Number:

Section 02: Preference

Gender:

☐ Male ☐ Female ☐ Other

Hobbies

☐ Reading ☐ sports ☐ Traveling ☐ Coding ☐ Cooking

Select your Fav Color:

Chose your fav Color below: ▼

Range Your Happiness



Section 03: Feedback

Your message About Us:

Feedback here...

Upload a File No file chosen

Your ID

Submission

i'm sure that the above info is valid and not copied from any others ☒

Submit

Reset

Explanation:

1. Header Section:

At the top of the form, there is a bold and green-coloured heading:

"Welcome to student survey form!" by `<h3>` tag

2. Section 01: Personal Information

This section collects basic user details.

Input Fields:

- **Full Name** (`<input type="text">`):
 - ✓ Placeholder: *"name here..."*
 - ✓ Accepts text input for the user's full name.
- **Email Address** (`<input type="email">`):
 - ✓ Placeholder: *"email here..."*
 - ✓ Ensures the entered value follows an email format.
- **Password** (`<input type="password">`):
 - ✓ No placeholder text (hidden input).
 - ✓ Masks the entered text for privacy.
- **Age** (`<input type="number">`):
 - ✓ Placeholder: *"your age..."*
 - ✓ Restricts input to numeric values only.
- **Date of Birth** (`<input type="date">`):
 - ✓ Displays a date picker for user convenience.

- **Phone Number** (<input type="tel">):
 - ✓ Placeholder: *"phone number..."*
 - ✓ Accepts numeric values and follows a phone number format.

3. Section 02: Preference

This section allows users to select their preferences.

Radio Buttons (Gender Selection):

- **Male** (<input type="radio" name="gender">)
- **Female** (<input type="radio" name="gender">)
- **Other** (<input type="radio" name="gender">)

Users can only select one gender option at a time because all radio buttons share the same name="gender" attribute.

Checkboxes (Hobbies Selection):

Users can select multiple hobbies.

- ✓ **Reading** (<input type="checkbox">)
- ✓ **Sports** (<input type="checkbox">)
- ✓ **Traveling** (<input type="checkbox">)
- ✓ **Coding** (<input type="checkbox">)
- ✓ **Cooking** (<input type="checkbox">)

Dropdown (Favorite Color Selection):

- <select> element with different color choices.
- Placeholder text: *"Choose your fav color below:"*.

Range Slider (Happiness Level Selection):

- <input type="range"> with a slider UI.
- Users can adjust the slider to indicate their happiness level.
- Issue: The placeholder inside the slider says *"selec"*, which should be corrected to *"select"*.

4. Section 03: Feedback

This section gathers user feedback and file uploads.

Textarea (User Feedback):

- <textarea> with placeholder text: *"Feedback here..."*.
- Allows users to enter multi-line feedback.

File Upload:

- <input type="file"> allows users to upload a file.
- Displays *"No file chosen"* until a file is selected.

ID Input Field:

- Placeholder: Missing in the input field.
- Should specify whether it requires a numeric or alphanumeric ID.

5. Submit & Reset Buttons

- **Submit** (`<input type="submit">`):
 - Sends the form data for processing.
- **Reset** (`<input type="reset">`):
 - Clears all inputs, resetting the form to its default state.