Topic 5 — HTML Forms : By Gagan Baghel

Concepts Covered:

`<form>` , `<label>` , `<input>` , `<textarea>` , `<select>` , `<option>` , `<button>` , `name` , `value` , `placeholder` , `required` , `checked` , `disabled` , and form organization with `<fieldset>` and `<legend>` .

🎯 Learning Objective:

To learn how to build and organize user input forms using various input elements, understand their attributes, and apply them in real-world use cases like signup, feedback, and contact forms.

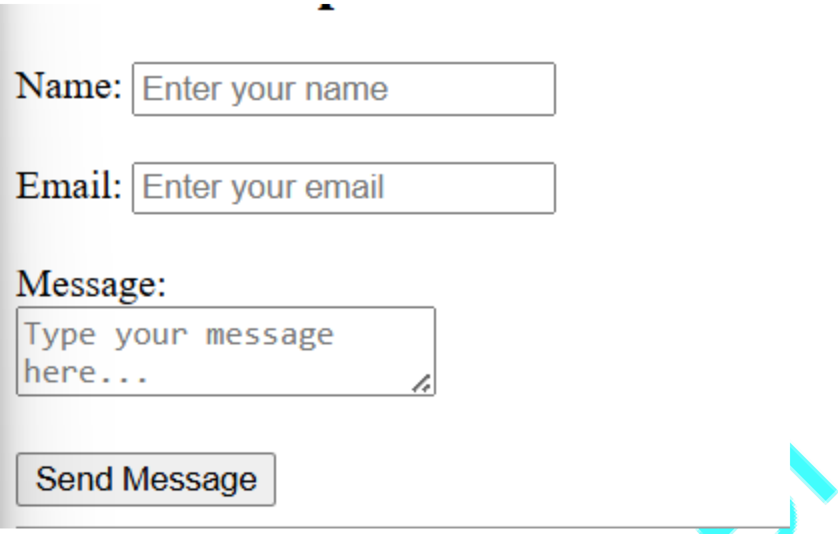
🧩 Practice Tasks (10 Total)

Task 1: Create a Simple Contact Form

Goal: Learn basic form structure and text inputs.

Instructions:

1. Create `contact-form.html` .
2. Add a `<form>` with these fields:
    - Name (`<input type="text">`)
    - Email (`<input type="email">`)
    - Message (`<textarea>`)
3. Add a submit button (`<input type="submit" value="Send Message">`).
4. Use `<label>` for each field.
5. Add `placeholder` and `required` attributes.
6. output :



Name: Enter your name

Email: Enter your email

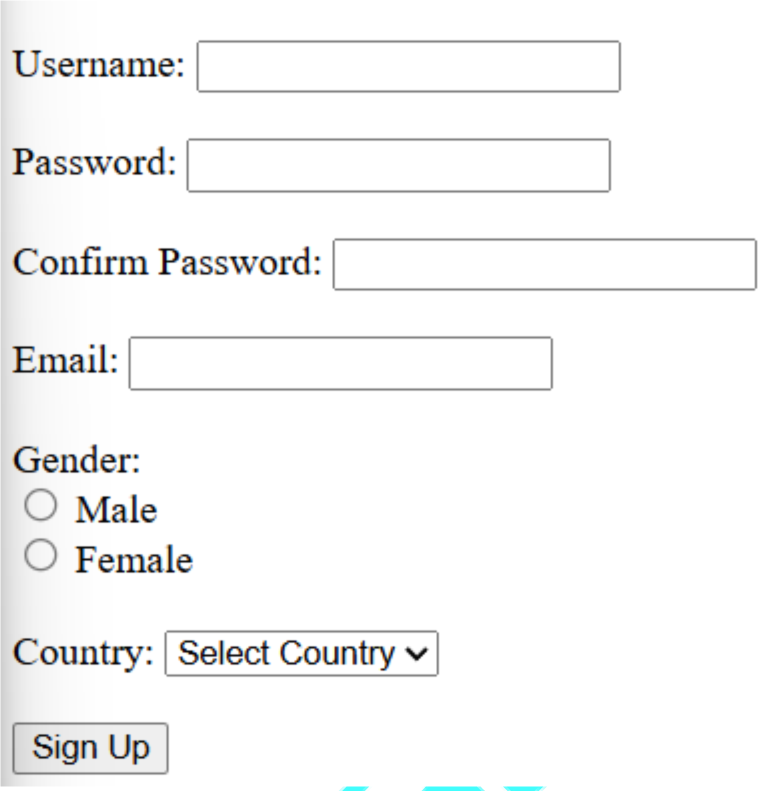
Message:
Type your message here...

Task 2: Create a “Sign Up” Form

Goal: Use multiple input types together.

Instructions:

1. Create `signup-form.html`.
2. Add:
   - Username
   - Password (`type="password"`)
   - Confirm Password
   - Email
   - Gender (Radio buttons)
   - Country (Dropdown using `<select>` and `<option>`)
   - Submit button
3. Add proper `<label>`s and use the `name` attribute for each input.
4. Mark required fields using `required`.
5. Output :



Username:

Password:

Confirm Password:

Email:

Gender:
○ Male
○ Female

Country: Select Country

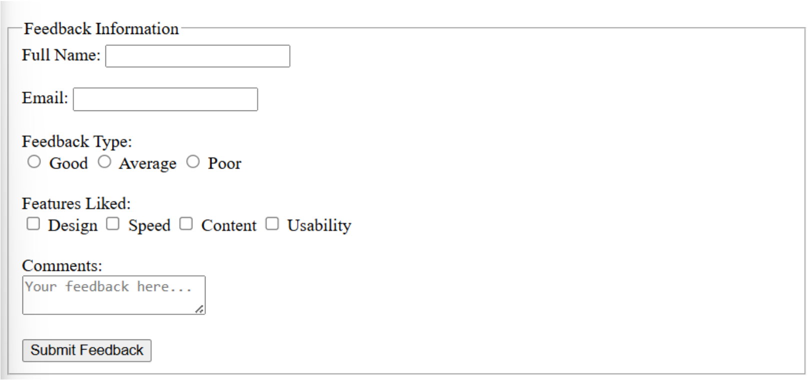
Sign Up

Task 3: Create a Feedback Form

Goal: Learn radio buttons and checkboxes.

Instructions:

1. Create `feedback.html`.
2. Add:
   - Full Name
   - Email
   - Feedback Type (Radio buttons: Good, Average, Poor)
   - Features liked (Checkboxes: Design, Speed, Content, Usability)
   - Comment box (`<textarea>`)
   - Submit button
3. Group related fields using `<fieldset>` and `<legend>`.
4. Output :



Feedback Information

Full Name:

Email:

Feedback Type:
○ Good ○ Average ○ Poor

Features Liked:
□ Design □ Speed □ Content □ Usability

Comments:
Your feedback here...

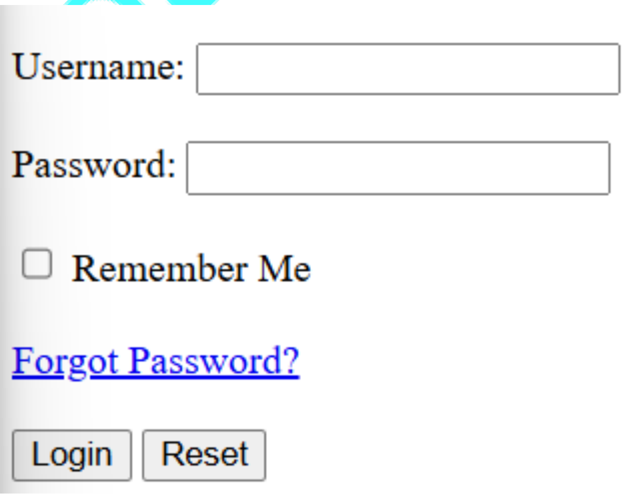
Submit Feedback

Task 4: Create a Login Form

Goal: Learn basic authentication-style form.

Instructions:

1. Create `login.html`.
2. Add username and password inputs.
3. Add a “Remember Me” checkbox and a “Forgot Password?” link.
4. Use a submit button and reset button (`<input type="reset">`).
5. Center the form content using basic inline styling.
6. Output :



Username:

Password:

□ Remember Me

Forgot Password?

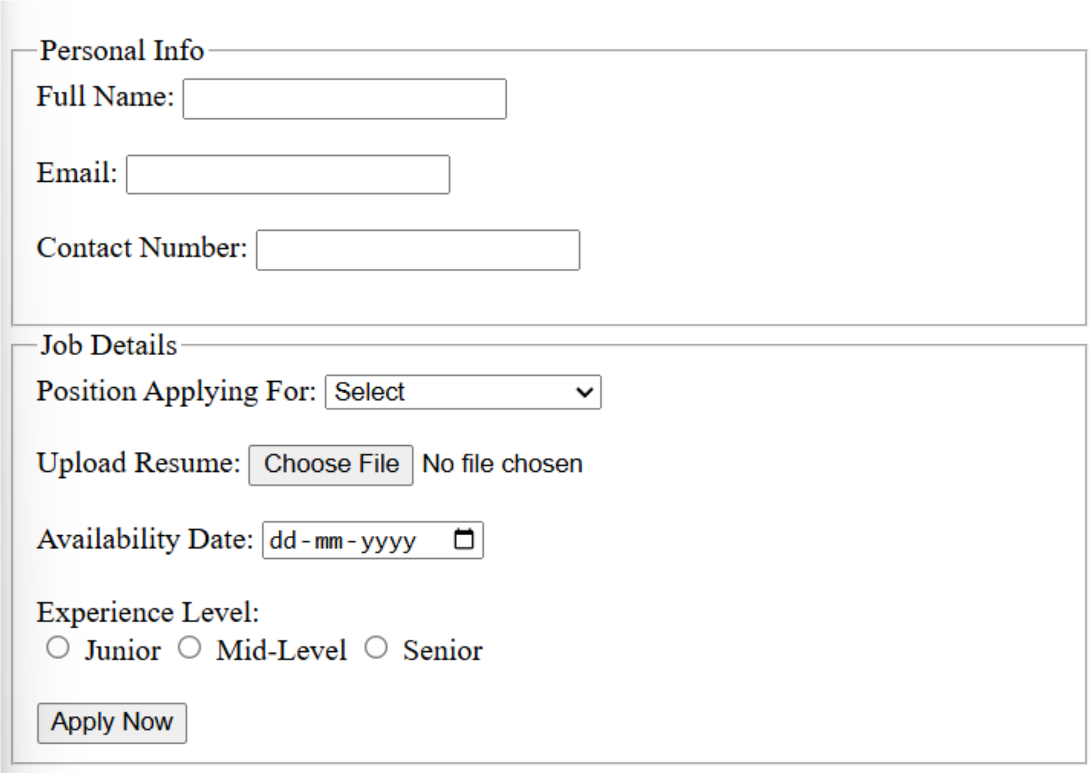
Login Reset

Task 5: Create a Job Application Form

Goal: Use advanced input attributes and grouping.

Instructions:

1. Create `job-form.html`.
2. Add:
   - Full Name
   - Email
   - Contact Number
   - Position Applying For (Dropdown)
   - Upload Resume (`<input type="file">`)
   - Availability Date (`<input type="date">`)
   - Experience Level (Radio buttons)
   - Submit button
3. Add `<fieldset>` and `<legend>` to organize sections (e.g., Personal Info, Job Details).
4. Test input types in your browser.
5. Output :


Personal Info
Full Name:
Email:
Contact Number:
Job Details
Position Applying For: Select
Upload Resume: Choose File No file chosen
Availability Date: dd-mm-yyyy
Experience Level:
○ Junior ○ Mid-Level ○ Senior
Apply Now

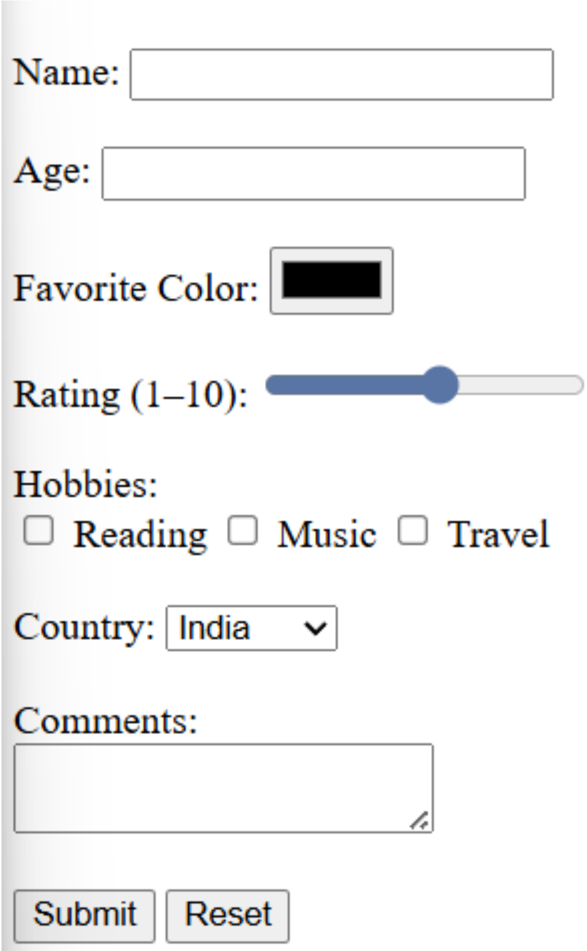
Task 6: Create a "Survey Form"

Goal: Combine all input types into one project.

Instructions:

1. Create `survey-form.html`.
2. Add:
   - Name
   - Age (number input)
   - Favorite Color (color picker)
   - Rating (1–10 using number or range input)
   - Hobbies (checkboxes)
   - Country (dropdown)
   - Comments box (`<textarea>`)
3. Add a Submit and Reset button at the end.

4. Test all inputs by filling and submitting.
5. Output :



Name:

Age:

Favorite Color:

Rating (1–10):

Hobbies:
□ Reading □ Music □ Travel

Country: India

Comments:

Submit Reset

Task 7: Create a Course Enrollment Form

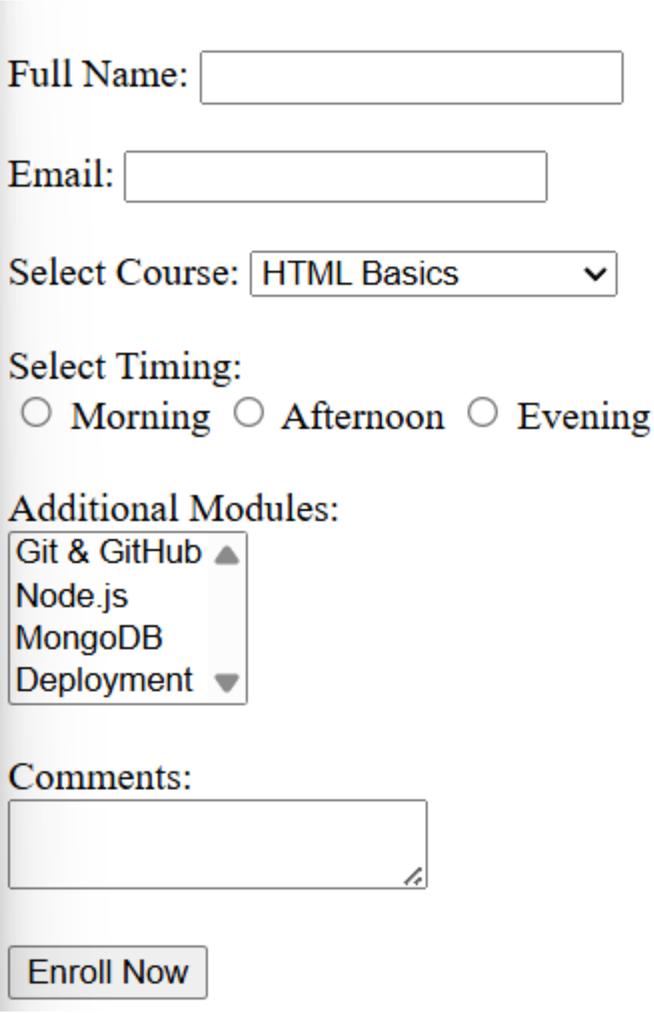
Goal: Practice dropdowns, radio buttons, and multiple selects.

Instructions:

1. Create `course-enroll.html`.
2. Add:
    - Full Name
    - Email
    - Select Course (Dropdown with 4–5 options)

- Select Timing (Radio buttons: Morning, Afternoon, Evening)
- Additional Modules (Multiple select dropdown)
- Comments section
- Submit button

3. Use `<label>` and `for` attributes for accessibility.
4. Use `multiple` attribute for multiple selections.
5. Output :



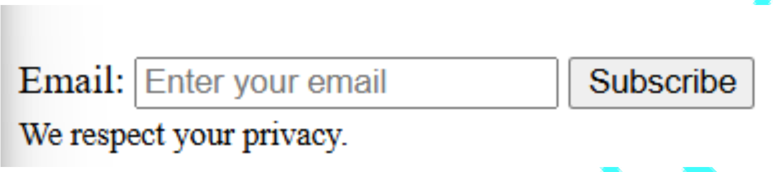
Select Course: HTML Basics

Task 8: Create a Subscription Form

Goal: Learn inline forms and button types.

Instructions:

1. Create `subscription.html`.
2. Add:
    - Email field (`type="email"`)
    - Subscribe button (`<button type="submit">Subscribe</button>`)
3. Add a note: “We respect your privacy.”
4. Output :



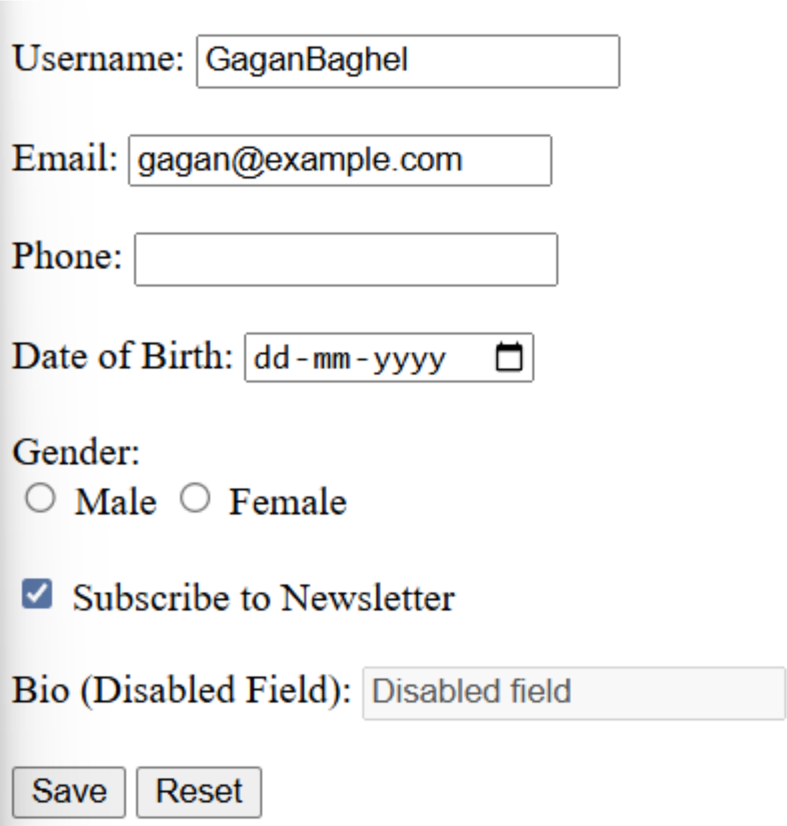
Email: Enter your email Subscribe
We respect your privacy.

Task 9: Create a “Profile Settings” Form

Goal: Explore disabled, readonly, and prefilled values.

Instructions:

1. Create `profile-settings.html`.
2. Add:
    - Username (readonly)
    - Email (editable)
    - Phone number
    - Date of Birth
    - Gender (radio)
    - Newsletter Subscription (checkbox, pre-checked using `checked`)
3. Add Save and Reset buttons.
4. Disable one field intentionally using `disabled` attribute.
5. Output :



Username: GaganBaghel

Email: gagan@example.com

Phone:

Date of Birth: dd-mm-yyyy

Gender:
○ Male ○ Female

☑ Subscribe to Newsletter

Bio (Disabled Field): Disabled field

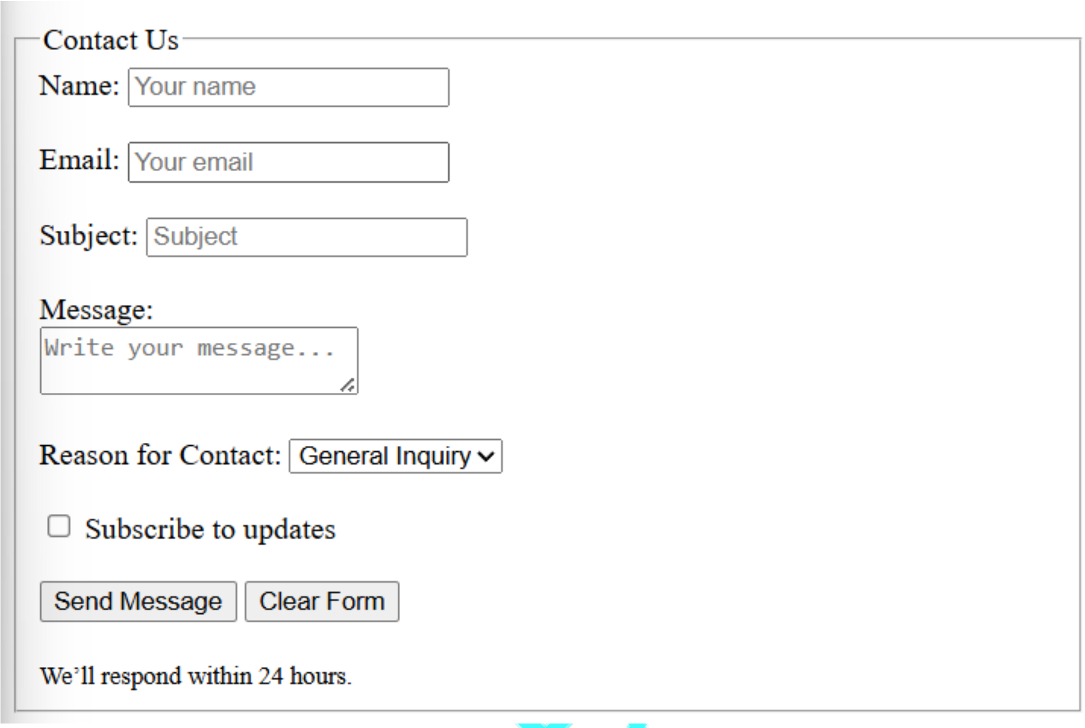
Task 10: Create a Complete "Contact Us" Page

Goal: Combine design, structure, and input features.

Instructions:

1. Create `contact-us.html`.
2. Add:
   - Name, Email, Subject, Message
   - Reason for contact (Dropdown)
   - Checkbox for "Subscribe to updates"
   - Submit and Reset buttons
3. Group the form visually with `<fieldset>` and `<legend>`.
4. Add proper placeholder text and alt labels.
5. Add a small footer note — "We'll respond within 24 hours."

6. Output :



Contact Us

Name: Your name

Email: Your email

Subject: Subject

Message:

Write your message...

Reason for Contact: General Inquiry

□ Subscribe to updates

We'll respond within 24 hours.

Pro Tips for Students

- Always wrap related inputs inside a `<form>` tag — otherwise, submission won't work.
- Use `<label>` with `for` attributes — improves accessibility and usability.
- Use `name` and `value` properly — these are essential for backend form processing.
- Prefer `<button>` over `<input type="submit">` when adding icons or text inside.
- Use `required` and `placeholder` for better UX.
- Use `<fieldset>` and `<legend>` to group related fields — gives a professional structure.
- Never leave form elements unlabelled — screen readers depend on labels.