In-class exercises on input types, labels, and grouping

Exercise 1: Registration mini-form (radios + basics)

- **Goal:** Build a small registration form using correct input types, proper label–control association, and a radio button group.

- **Fields to include:**

  - **Full name:** `type="text"`

  - **Email:** `type="email"`

  - **Mobile:** `type="tel"`

  - **Preferred session:** Radio group with options "Morning" and "Evening"

- **Labeling rules:**

  - **Unique ids:** Every input must have an `id`.

  - **for–id pairing:** Every visible label must use `for="..."` that matches the input's `id`.

  - **Submission keys:** Every input must have a `name`.

- **Grouping rules:**

  - **Radios:** Same `name` for both session options.

  - **Fieldset:** Wrap the radio options in `<fieldset>` with a `<legend>` ("Preferred session").

- **Starter (fill the TODOs):**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Registration Mini-Form</title>
</head>
<body>
  <form action="#" method="get">
    <!-- TODO: Label + text input for Full name -->
    <!-- TODO: Label + email input for Email -->
    <!-- TODO: Label + tel input for Mobile -->

    <!-- TODO: Fieldset + legend for Preferred session -->
    <!-- Inside: two labels, each wrapping an input type="radio" sharing the same name -->

    <button type="submit">Submit</button>
  </form>
</body>
</html>
```

- **Checklist (self-marking):**

  - **Ids present:** Each input has a unique `id`.

  - **for–id linked:** Each label uses `for` matching its input `id`.

  - **Names set:** Each input has a meaningful `name`.

  - **Radio group:** Two radios share the same `name`, live inside one `<fieldset>` with a `<legend>`.

Exercise 2: Skills declaration form (checkboxes + radios)

- **Goal:** Create a form that correctly groups checkboxes and radio buttons, with clear labels for every control.

- **Fields to include:**

  - **Full name:** `type="text"`

  - **NIC:** `type="text"` (format checking not required)

  - **Preferred contact method:** Radio group with "Call", "Email", "WhatsApp"

  - **Skills you have:** Checkbox group with "Python", "SQL", "HTML", "CSS"

- **Labeling rules:**

  - **for–id pairing:** Every control has a matching label.

  - **One label per control:** Don't reuse the same `id`.

  - **Names matter:** Use descriptive `name` values (e.g., `contactMethod`, `skills`).

- **Grouping rules:**

  - **Radios:** All contact method radios share the same `name` and are inside one `<fieldset>` with a `<legend>`.

  - **Checkboxes:** All skills checkboxes share the same `name` and are inside a separate `<fieldset>` with a `<legend>`.

- **Starter (fill the TODOs):**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Skills Declaration</title>
</head>
<body>
  <form action="#" method="post">
    <!-- TODO: Label + text input for Full name -->
    <!-- TODO: Label + text input for NIC -->

    <!-- TODO: Fieldset + legend for Preferred contact method (3 radio options) -->
    <!-- Hint: Same name for all three radios -->

    <!-- TODO: Fieldset + legend for Skills you have (4 checkbox options) -->
    <!-- Hint: Same name for all checkboxes so multiple values submit -->

    <button type="submit">Send</button>
  </form>
</body>
</html>
```

- **Checklist (self-marking):**

  - **Labels clickable:** Clicking any label toggles its control.

  - **Unique ids:** No duplicate `id` values.

  - **Correct names:** Radio group has one shared `name`; checkbox group has one shared `name`.

  - **Clear legends:** Each `<fieldset>` has a descriptive `<legend>`.

Tip: Keep placeholders optional. Focus strictly on correct input types, label associations, and grouping structure.