HTML Assignments (Foundation for Full-Stack Development)

Assignment 1: Personal Profile Page

Objective: Practice text formatting tags
Task:

- Create a personal profile page
- Use:
    - `<b>` and `<strong>` for headings and important points
    - `<i>` and `<em>` for emphasis
    - `<mark>` to highlight skills
    - `<small>` for disclaimers or notes
- Include name, bio, skills, and career goal

Assignment 2: College / Company About Page

Objective: Understand semantic meaning of text
Task:

- Create an "About Us" page
- Use:
    - `<ins>` for newly updated information
    - `<del>` to show removed/old content
    - `<hr>` to separate sections
- Mention last updated date using `<ins>`

Assignment 3: Product Description Page

Objective: Combine formatting with readability
Task:

- Design a simple product page
- Use:
    - `<mark>` for offers
    - `<sup>` for price notes or footnotes
    - `<sub>` for chemical formulas or technical specs
- Example: Battery capacity, formulas like H_2O, Li-ion specs

Assignment 4: Image Gallery Page

Objective: Learn HTML attributes
Task:

- Display at least 3 images
- Use:
  - `src`, `alt`, `width`, `height`
  - One **absolute URL** image
  - One **relative URL** image
- Add comments explaining each image source

Assignment 5: Training Program Web Page

Objective: Attributes + styling
Task:

- Create a training program page
- Use:
  - `style` attribute for color and font
  - `title` attribute for tooltips
- Add a note on hovering text using `title`

Assignment 6: Quote & Inspiration Page

Objective: Quotation and citation tags
Task:

- Add:
  - One long quote using `<blockquote>`
  - One short quote using `<q>`
  - One book/movie reference using `<cite>`
- Mention the source using `cite` attribute

Assignment 7: Abbreviations & Contact Page

Objective: Accessibility and clarity
Task:

- Use `<abbr>` for:

- HTML, CSS, WHO, AI, API
- Create a contact section using `<address>`
- Ensure tooltips appear on hover

Assignment 8: Preformatted Resume Section

Objective: Preserve formatting
Task:

- Create a resume section using `<pre>`
- Include:
  - Education
  - Skills
  - Experience
- Maintain spacing and alignment

Assignment 9: Multilingual Text Direction Page

Objective: Global web concepts
Task:

- Create a page with:
  - English text (LTR)
  - Arabic or Hebrew sample text using `<bdo dir="rtl">`
- Set correct `lang` attribute in `<html>`

Assignment 10: Mini Static Website (Final Integration)

Objective: Real-world mini project
Task:

- Create a **3-page website**:
  1. Home
  2. About
  3. Contact
- Must include:
  - All major formatting tags
  - Images with attributes
  - Quotes, abbreviations, address
  - Comments for documentation
- Use `<hr>`, `<br>`, `<pre>`, and proper structure