1. Assignment: Create a Personal Portfolio Page

Objective: Build a personal portfolio webpage using HTML.

- **Structure:**

  - Header with your name and a navigation bar linking to sections (e.g., About, Projects, Contact).

  - **Sections:**

    - About Me: Include a brief paragraph about yourself.

    - Projects: List at least 3 projects with descriptions and images.

    - Contact: Create a form with fields for Name, Email, and Message.

  - Footer with your contact information.

Instructions:

- Use semantic tags like `<header>`, `<footer>`, `<article>`, and `<section>`.

- Embed images for projects.

- Make the Contact form functional with input validation.

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2. Assignment: Build a Recipe Blog Page

Objective: Create a recipe blog page showcasing different recipes.

- **Structure:**

  - Header with a title and navigation menu (Home, Recipes, Contact).

  - Main section with multiple articles for each recipe (use `<article>` tag).

  - Each recipe should include an image, ingredients list (using `<ul>`), and preparation steps (using `<ol>`).

- ○ Add a sidebar with related recipes (using `<aside>`).

- ○ Footer with social media links.

Instructions:

- Use `<h1>`, `<h2>`, `<h3>` for headings and sections.

- Use `<ul>` and `<ol>` for lists of ingredients and preparation steps.

- Use `<img>` to embed recipe images.

- Make the page visually engaging using simple HTML formatting.

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3. Assignment: Interactive Quiz Page

Objective: Create an interactive quiz page that collects user answers.

- **Structure:**

  - ○ Create a form using `<form>`, with multiple-choice questions (use `<input type="radio">`).

  - ○ Include a submit button that triggers an alert with the user's score.

  - ○ Add a "Thank You" page that shows the result.

Instructions:

- Use `<label>` for input labels.

- Add a submit button that uses `onclick` to check the answers.

- Use `<button type="submit">` and `<input type="radio">` for the questions.

- Ensure the quiz is easy to follow and functional.

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4. Assignment: Create an Image Gallery with Lightbox Effect

Objective: Create an image gallery with a lightbox effect that opens the images in a larger view.

- **Structure:**

  - Create a grid of images using `<img>` tags.

  - Each image should open in a larger view (lightbox effect) when clicked.

  - Implement a modal window that shows the image in full size.

Instructions:

- Use `<figure>` and `<figcaption>` to create an image and its caption.

- Ensure the gallery is responsive, using percentages or `vw` for image size.

- Include a description for each image using `<figcaption>`.

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5. Assignment: Build a Music Album Page

Objective: Create a music album page showcasing a list of tracks.

- **Structure:**

  - A header with the album name and artist.

  - A list of tracks with their names and duration (use `<ul>` or `<ol>`).

  - Embed an audio player for each track (using `<audio>`).

  - Include a "Buy Album" button linking to a music store (use `<a>`).

Instructions:

- Use `<audio>` tags with a `controls` attribute for each track.

- Use `<ul>` or `<ol>` for the list of tracks.

- Make the page responsive and easy to navigate.

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6. Assignment: Create a Product Catalog Page

Objective: Create a webpage that lists products with images, descriptions, and prices.

- **Structure:**

  - Header with the store name and navigation links (e.g., Home, Products, About).

  - Main section with a product grid (use `<div>` for the layout).

  - Each product should have an image, name, description, and price.

  - Include a footer with contact information and social media links.

Instructions:

- Use `<div>` to structure the product grid and style it with inline CSS or an external stylesheet.

- Make the product information clear and visually appealing using `<h3>`, `<p>`, and `<img>`.

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7. Assignment: Build a Travel Blog Page

Objective: Create a travel blog page with different destinations and their details.

- **Structure:**

  - Header with the blog name and navigation links (Home, Destinations, Contact).

  - A section with multiple destinations (using `<article>` tags for each destination).

  - For each destination, include a title, image, and description of the place.

○ A contact form with fields for Name, Email, and Message.

Instructions:

- Use `<h1>`, `<h2>`, and `<p>` tags for structuring content.

- Use `<img>` for images of the destinations.

- Use `<form>` for the contact form with validation attributes.

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8. Assignment: Create a Customer Review Page

Objective: Create a customer review page with a form to submit reviews.

- **Structure:**

  ○ A header with the company name and a navigation menu.

  ○ A section for displaying customer reviews with their names, ratings, and comments (use `<article>`).

  ○ A form for submitting new reviews with Name, Rating (radio buttons), and Comment.

Instructions:

- Use `<form>` for the review submission.

- Use `<input type="radio">` for the rating system.

- Display reviews in `<article>` elements with a heading and paragraph for each review.

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9. Assignment: Create a Portfolio Page with a Contact Form

Objective: Build a portfolio webpage showcasing your skills, projects, and contact form.

- **Structure:**

  - Header with your name and a navigation bar.

  - Sections:

    - About: Include a short bio.

    - Skills: List your skills with icons or descriptions.

    - Projects: Showcase 3-5 projects with descriptions and links.

    - Contact: Create a contact form (Name, Email, Message).

  - Footer with social media links.

Instructions:

- Use `<section>` for each portfolio section.

- Include `<form>` for the contact section.

- Ensure your page is visually appealing and well-structured.

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10. Assignment: Create an FAQ Page

Objective: Create a Frequently Asked Questions (FAQ) page with collapsible answers.

- **Structure:**

  - A header with the page title (FAQ).

  - A list of questions and answers using `<dl>`, `<dt>`, and `<dd>`.

  - Make the answers collapsible using a simple JavaScript method (optional, if covered).

Instructions:

- Use `<dl>` for the question and answer list.

- Implement a basic JavaScript function that allows users to click on a question and toggle the visibility of the answer.

Tips for Students:

- **Use semantic HTML**: Tags like `<article>`, `<section>`, `<header>`, and `<footer>` improve SEO and accessibility.

- **Test your forms**: Use the `required` and `pattern` attributes for form validation.

- **Work on responsiveness**: Ensure your page looks good on all screen sizes, especially mobile devices.

- **Add images**: Use `<img>` with appropriate `alt` text for better accessibility.