

HTML + CSS Assignments

Assignment 1: Personal Portfolio Page

Objective: Create a portfolio to showcase your skills and projects.

Requirements:

- 1. Header:**
 - Navigation bar with links: Home, Skills, Contact (use `<nav>` and `<a>`).
 - Dark background, white text.
 - 2. Hero Section:**
 - Centered content with your name (`<h1>`).
 - Profile image (placeholder: `profile.jpg`).
 - Tagline (e.g., "Web Developer & Designer").
 - 3. Skills Section:**
 - Section title: "My Skills" (`<h2>`).
 - 3+ skills displayed horizontally using **flexbox**.
 - Each skill has a title (`<h3>`) and description (`<p>`).
 - Skills styled with background, padding, and rounded corners.
 - 4. Contact Form:**
 - Form with fields: Name (text input), Email (email input), Message (`<textarea>`).
 - Submit button labeled "Send".
 - 5. Footer:**
 - Background color matching header.
 - Social media links (3+ placeholders: LinkedIn, Twitter, GitHub).
 - Copyright notice (e.g., "© 2023 Your Name").
 - 6. Styling:**
 - Use CSS for layout (flexbox), colors, and spacing.
 - Ensure mobile-friendly text alignment.
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Assignment 2: Recipe Blog Post

Objective: Publish a detailed cooking recipe.

Requirements:

1. **Recipe Title & Description:**

- Main title (<h1>) with recipe name.
- Introductory paragraph (<p>).

2. **Ingredients:**

- Section title: "Ingredients" (<h2>).
- Unordered list () with 8+ ingredients.

3. **Steps:**

- Section title: "Steps" (<h2>).
- Numbered list () with 5+ steps.

4. **Cooking Time Table:**

- 3-row table (<table>) with columns: Step and Duration.
- Include rows: "Preparation", "Baking", "Total".

5. **Embedded Video:**

- YouTube embed using <iframe>.
- Set dimensions: width="100%", height="315px".

6. **Styling:**

- Background color for ingredients section.
 - Borders and padding for the table.
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Assignment 3: Travel Destination Guide

Objective: Create a guide for a travel destination.

Requirements:

1. Introduction:

- Destination title (<h1>).
- Brief overview (<p>).

2. Attractions:

- 2+ attractions displayed vertically.
- Each attraction uses a div with:
 - Image (placeholder: eiffel.jpg).
 - Title (<h3>).
 - Description (<p>).
- Layout: Image on left, text on right (flexbox).

3. Packing Checklist:

- Unordered list () with 5+ items.
- Interactive checkboxes (<input type="checkbox">).
- Light background color.

4. Embedded Map:

- Google Maps embed using <iframe>.
- Set height="300px".

5. Travel Tips:

- Unordered list () with 3+ tips.

6. Styling:

- Consistent margins between sections.
 - Attraction images fixed to width="300px".
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Assignment 4: Product Landing Page

Objective: Market a tech product.

Requirements:

- 1. Header:**
 - Product name (<h1>) and tagline (<p>).
 - Dark background, white text.
 - 2. Hero Section:**
 - Centered product image (placeholder: watch.jpg).
 - Call-to-action button ("Order Now").
 - 3. Features:**
 - 3+ features displayed horizontally (flexbox).
 - Each feature has a title (<h3>) and description (<p>).
 - 4. Pricing Table:**
 - 2+ pricing plans ("Basic", "Pro").
 - Each plan includes:
 - Title (<h3>).
 - Price (<p>).
 - Feature list ().
 - "Buy" button.
 - Plans displayed side-by-side.
 - 5. Testimonials:**
 - At least one testimonial (<blockquote> and <cite>).
 - 6. Footer:**
 - Copyright notice.
 - 7. Styling:**
 - Colorful buttons with hover effects.
 - Borders around pricing plans.
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Assignment 5: Educational Course Page

Objective: Promote an online course.

Requirements:

1. **Header:**
 - Course title (<h1>) and tagline (<p>).
2. **Overview:**
 - Brief course description (<p>).
3. **Syllabus:**
 - 3+ modules displayed vertically.
 - Each module has:
 - Title (e.g., "Week 1: HTML Basics").
 - Description (<p>).
 - Background color for modules.
4. **Instructor Bio:**
 - Instructor image (placeholder: teacher.jpg).
 - Name (<h3>) and bio (<p>).
 - Layout: Image on left, text on right (flexbox).
5. **Enrollment Form:**
 - Fields: Name (text), Email (email), Payment Method (dropdown).
 - Submit button labeled "Enroll".
6. **FAQ Accordion:**
 - 2+ questions.
 - Clicking a question toggles its answer (JavaScript required).
 - Answers hidden by default.
7. **Styling:**
 - Rounded instructor image (border-radius: 50%).
 - Background colors for FAQ questions.