HTML & CSS Lab Assignments

Assignment 1: Build a Simple Web Page

Problem:

Create a webpage that displays a short introduction about yourself, including your name, a brief bio, and your favorite hobby. Use HTML to structure the page and CSS to style it.

Requirements:

- The webpage should have a heading with your name.
- A paragraph with your bio.
- A list of hobbies (at least 3).
- Use CSS to:
    - Change the font family.
    - Change the background color.
    - Center the content.

Assignment 2: Build a Personal Profile Page

Problem:

Create a personal profile webpage with sections for the following:

- A header containing your name and a brief tagline.
- A section for your biography.
- A section listing your skills (at least 5 skills).
- A footer with your contact information (email and social links).

Assignment 3: Create a Simple Product Page

Problem:

Design a product page for an e-commerce website with the following:

- A header with the product name.
- A section with a product image and a brief description.
- A section listing product features (at least 3 features).
- A call-to-action (CTA) button to "Buy Now".

Assignment 4: Design a Basic Blog Post Layout

Problem:

Create a blog post layout with the following sections:

- A header with the blog title and date.
- A content section with a few paragraphs of text.
- A comment section that lists at least 3 comments.

Assignment 5: Simple Registration Form

Problem:

Create a responsive registration form using HTML and CSS. The form should include the following fields:

- Full Name
- Email
- Password
- Confirm Password
- Gender (radio buttons)
- Date of Birth
- Submit button

The form should have validation for required fields, and the design should be responsive and clean.

Assignment 6: Build a Simple Contact Form

Problem:

Create a contact form with fields for:

- Name
- Email
- Subject
- Message Add basic styling with CSS.

Assignment 7: Build a Navigation Bar

Instructions:

1. Create a navigation bar with links to Home, About, Services, and Contact.
2. Use CSS to style the navigation bar.
3. Make it responsive (the menu should collapse into a dropdown on smaller screens).
4. Add hover effects to the menu items.

Assignment 8: Create a Pricing Table

Instructions:

1. Create a pricing table with three plans: Basic, Standard, and Premium.
2. Each plan should have a list of features and a button to select the plan.
3. Use CSS Grid or Flexbox to layout the pricing table.
4. Add hover effects to highlight the selected plan.

Assignment 9: Create a Responsive Image Gallery

Instructions:

1. Create an image gallery with at least six images.
2. Use CSS Grid or Flexbox to layout the images in a responsive grid.

Add hover effects to scale the images on mouseover.

Assignment 10: Create a Responsive Login Form

Instructions:

1. Create a login form with fields for username and password.
2. Include a "Remember Me" checkbox and a "Forgot Password?" link.
3. Use CSS to style the form, making it centered on the page with clean and modern aesthetics.
4. Make the form responsive so that it adjusts nicely on smaller screens.
5. Add a hover effect for the login button.