✓ 1. Introduction

1. Direct:

Write a basic HTML page with <! DOCTYPE html>, <html>, <head>, and <body>.

2. Scenario 1:

Create a webpage for a travel agency that displays a heading, a paragraph, and a horizontal line.

3. Scenario 2:

Design a simple "Coming Soon" page with title, meta description, and copyright.

2. Getting Started

1. Direct:

Create a web page that displays your name and a short bio using <h1> and tags.

2. Scenario 1:

Build a page introducing your startup with logo (image), tagline, and company intro.

3. Scenario 2:

Display your favorite quote and its author with appropriate semantic HTML.

3. Elements & Attributes

1. Direct:

Add an image with src, alt, width, and height attributes.

2. Scenario 1:

Create a product card with an image, product title, description, and price using elements and attributes.

3. Scenario 2:

Build a contact info section using <address>, , and .

🚺 4. Navigation

1. Direct:

Create a horizontal navigation menu with 3 links using <nav> and .

2. Scenario 1:

Create a navigation bar that links to sections: Home, About Us, Services, and Contact Us.

3. Scenario 2:

Build a single-page navigation where clicking a link scrolls to a section using id anchors.

5. Events

1. Direct:

Add a button that shows an alert message on click using onclick.

2. Scenario 1:

Create an input field that changes background color on focus and blur.

3. Scenario 2:

Implement a "Like" button that increases count on every click.

√ 6. Web Forms 2.0

1. Direct:

Create a form with input fields: name (text), age (number), and submit button.

2. Scenario 1:

Design a job application form with fields for name, email, resume (file upload), and experience.

3. Scenario 2:

Create a feedback form with required rating (1–5), date, and comment textarea.

🗸 7. Web Storage

1. Direct:

Save user's name into local storage on form submission and retrieve it on page reload.

2. Scenario 1:

Create a to-do list that stores tasks in localStorage and persists across refreshes.

3. Scenario 2:

Design a theme toggle (dark/light mode) and save the preference using localStorage.

🔽 8. Web SQL Database

1. Direct:

Create and display a database named "BookDB" with a table "Books" having fields: title, author.

2. Scenario 1:

Add a form to insert book details into Web SQL and display the book list dynamically.

3. Scenario 2:

Build a product catalog where user can search for a product stored in Web SQL.

9. Geo Location

1. Direct:

Display user's current latitude and longitude using navigator.geolocation.

2. Scenario 1:

Build a web app that shows a Google Map centered on user's location.

3. Scenario 2:

Develop a weather-check app that fetches and displays weather for the user's location.