Create a responsive web page layout using **HTML and CSS Flexbox** that contains a header, navigation bar, main content area, sidebar, and footer.

Design a webpage using **CSS Grid** that displays products or images in a 3×3 grid and automatically adjusts layout for smaller screens.

Write a **JavaScript program** to accept a number from the user and display whether it is prime, even, or odd.

Develop a **JavaScript application** that displays a digital clock updating every second using `setInterval()`.

Create a webpage with a **form that performs input validation** (email, mobile number, and password strength) using JavaScript DOM manipulation.

Implement a **React component** to display a counter with increment, decrement, and reset buttons using the `useState` Hook.

Create a **React form component** that accepts name, email, and age, and displays the submitted data dynamically without refreshing the page.

Build a **Node.js application** using the `http` module to serve a static HTML file as a response to a client request.

Develop an **Express.js application** that handles GET and POST requests for a simple student record API (add and view student details).

Create an **Express.js app using EJS** to render a list of items dynamically from an array passed from the server.

Write a **Node.js program** that connects to a MySQL database using `mysql2`, inserts one record into a table, and displays all records in console output.

Perform **CRUD operations in MongoDB** using Node.js and Mongoose (insert, update, delete, and find operations on a “students” collection).

Develop an **Express.js REST API** connected to MongoDB for performing CRUD operations on a “books” collection.

Create a **React + Express integration** where form data entered in React is sent to an Express backend and displayed on submission.

Build a **MERN mini-project** that performs CRUD operations on user data (create, read, update, delete) with MongoDB as the backend database.

Create a responsive web page using **HTML and CSS Grid** to display an online portfolio with sections for profile, skills, projects, and contact.

Design a webpage layout using **Flexbox** that rearranges its columns into rows when the screen width drops below 768 px.

Write a **JavaScript program** to read a string from the user and check whether it is a palindrome.

Develop a **JavaScript application** that dynamically generates a multiplication table for a number entered by the user.

Create a webpage that validates **login credentials** using JavaScript and displays appropriate error messages through DOM manipulation.

Implement a **React component** that displays a list of students and allows adding a new name through an input box.

Create a **React component** that fetches JSON data from an API using `useEffect()` and renders it as a list.

Build a **Node.js program** using the `fs` module to create a file, write data into it, and read the contents back.

Develop an **Express.js server** that provides routes for `/home`, `/about`, and `/contact`, each returning an HTML message.

Use **Express.js with EJS** templates to display a product catalog where details are passed from the server.

Write a **Node.js program** using the `path` and `os` modules to display file path information and operating-system details.

Implement a **REST API** in Express.js to perform CRUD operations on an in-memory “employee” list.

Connect a **Node.js application** with **MySQL2**, create a table named `employee`, and update an existing record.

Perform CRUD operations in **MongoDB** using **Mongoose** for a collection named `products`.

Develop a **MERN mini-application** where the React frontend interacts with an Express + MongoDB backend to manage a task list (add, view, delete tasks).