DAY2

Environment Setup

🎯 Hardware Requirement

Here are some general hardware requirements that should be sufficient for learning and practicing the Web Development :

1. ✅ Processor: A modern multi-core processor, such as an Intel Core i5 or AMD Ryzen 5, would be adequate for running the development environment smoothly.
2. ✅ RAM: A minimum of 8GB RAM is recommended. However, having 16GB or more would provide better performance, especially when running multiple applications simultaneously.
3. ✅ Storage: A solid-state drive (SSD) is preferable over a traditional hard disk drive (HDD) because it offers faster read/write speeds, resulting in improved performance when loading and saving files.
4. ✅ Operating System: Development can be done on various operating systems. Choose the one you are most comfortable with, such as Windows, macOS, or Linux.
5. ✅ Display: A standard monitor with a resolution of 1366x768 or higher would be sufficient for most development tasks. However, having a larger screen or multiple monitors can improve productivity by allowing you to have more code and documentation visible simultaneously.
6. ✅ Internet Connection: A stable and reasonably fast internet connection is recommended, as you will need to download libraries, frameworks, and other dependencies during the development process.

🎯 Software Requirement

1. ✅ NodeJS: Node.js is a JavaScript runtime environment, and npm (Node Package Manager) is a package manager for Node.js libraries and modules. Install Node.js

from the official website (https://nodejs.org), which will include npm with it. Choose the LTS (Long-Term Support) version for stability. Linux/Mac users can also use this link for installing node

2. ✅ VSCode: Choose a code editor that suits your preferences. Popular options include Visual Studio Code (https://code.visualstudio.com). Visual Studio Code is widely used and has excellent support for the Web Development.
3. ✅ Browser: You'll need a modern web browser to test and run your React/Web Application applications. Commonly used browsers include Google Chrome, Mozilla Firefox, Microsoft Edge, or Safari.
4. ✅ Git: Git is a version control system widely used for managing source code. Install Git from the official website (https://git-scm.com) and set it up on your machine. This will allow you to track changes in your codebase and collaborate with others.

VSCode

Git