**📦 Prerequisites**

Before you begin, make sure you have the following installed:

**1. VS Code (Visual Studio Code)**

* Go to: <https://code.visualstudio.com/>
* Click “Download for Windows”
* Install it with default options
* Launch VS Code after installation

**2. Node.js & npm**

* Go to: <https://nodejs.org/>
* Download the **LTS (Recommended)** version
* Install it with all default options
* To check if it’s installed:
  + Open **Command Prompt** (Search: cmd)
  + Type:

node -v

npm -v

You should see version numbers printed.

**📁 Step-by-Step: Running the LearnFlow Project**

**✅ Step 1: Create a Project Folder**

1. Right-click on your desktop or any location.
2. Click **New > Folder**, name it learnflow.

**✅ Step 2: Move Files into the Folder**

1. Copy the project files (e.g. index.html, main.jsx, App.jsx, etc.) into the learnflow folder.
2. Make sure all files are in the **root of the folder**, no subfolders.

**✅ Step 3: Open Folder in VS Code**

1. Launch **VS Code**.
2. Click on **File > Open Folder** and select the learnflow folder.
3. Wait for the folder to load.

**✅ Step 4: Initialize Project & Install Packages**

1. Open the **Terminal** in VS Code:
   * Click on **Terminal > New Terminal**
2. In the terminal, type:

npm init vite@latest .

* It’ll ask for:
  + Project name → Press Enter
  + Framework → Choose **React**
  + Variant → Choose **JavaScript**

1. Once setup completes, run:

npm install

**✅ Step 5: Replace Vite Boilerplate**

1. Overwrite the generated boilerplate files (main.jsx, App.jsx, etc.) with your actual project files if needed.
2. Make sure index.html has correct mounting div and script.

**✅ Step 6: Run the App**

In the terminal, type:

npm run dev

You’ll see a local server link like:

<http://localhost:5173/>

Click the link or paste it in your browser — your React app is live!

**⚙️ Common Issues**

* **Missing npm or node** → Reinstall Node.js
* **Port already in use** → Try npm run dev -- --port=3000
* **Blank screen** → Check for missing root div in index.html

**🧠 Notes**

* Do **not delete** package.json, vite.config.js, or node\_modules
* Every time you change code, the browser **auto-refreshes**
* Stop the dev server anytime with Ctrl + C in terminal