Step 1: Install Node.js (which includes npm)

1. **Download Node.js:**
   - Visit https://nodejs.org
   - Download the **LTS version** (Long-Term Support) for your operating system.

2. **Install Node.js:**
   - Run the installer.
   - Keep default settings (next, next, finish).
   - This will install **both Node.js and npm (Node Package Manager)** globally.

3. **Verify installation:**
   - Open **Visual Studio Code (VS Code)**.
   - Open the integrated terminal (Ctrl + ~ or go to **View > Terminal**).
   - Type the following commands:

```
node -v
npm -v
```

   - You should see version numbers for both.

Step 2: Install json-server Globally

Installing globally means it will be available in any project without reinstalling.

1. In the VS Code terminal, type:

```
npm install -g json-server
```

2. Verify installation:

```
json-server --version
```

Step 3: Using json-server Across Projects

Now that json-server is globally installed, follow these steps to use it in **any project**:

Step A: Create a db.json file in your project

In your project folder:

1. Create a new file named db.json
2. Add some sample data like:

```
{
 "posts": [
  { "id": 1, "title": "Hello World" }
 ],
 "users": [
```

```
    { "id": 1, "name": "Rohit" }

  ]

}
```

Step B: Run json-server in any project

From your project directory in the terminal:

json-server --watch db.json --port 3000

- --watch db.json tells it to use your data file.

- --port 3000 is optional (default is 3000), but you can change it if needed.

Now visit http://localhost:3000/posts or /users in your browser.