Step 1: Install Node.js (Required)

1. Go to ⬚ https://nodejs.org
2. Download **LTS version**
3. Install → keep clicking **Next**
4. Verify installation:

Open **Command Prompt / Terminal** and run:

node -v
npm -v

 Step 2: Install VS Code

1. Download from https://code.visualstudio.com
2. Install with default settings
3. Open **VS Code**

Step 3: Create React App using Vite

1. Open **Terminal** in VS Code
   (Menu → Terminal → New Terminal)
2. Run this command:

npm create vite@latest

3. Answer the prompts:

Project name: react-vite-app
Select a framework: React
Select a variant: JavaScript

Step 4: Go Inside Project Folder

cd react-vite-app

Step 5: Install Dependencies

npm install

(wait until installation completes)

Step 6: Run the Development Server

npm run dev

You will see output like:

Local: http://localhost:5173/

 Open this URL in your browser
-> React app is running!

Step 7: Project Folder Structure (Important Files)

```
react-vite-app
|
├── src
|   ├── App.jsx
|   ├── main.jsx
|
├── index.html
└── package.json
```

Step 8: Write Basic React Code

 src/App.jsx

Replace content with:

```
function App() {
  return (
   <div>
     <h1>Hello React with Vite</h1>
     <p>My first React app</p>
   </div>
  )
}

export default App
```

---

 src/main.jsx

```
import React from 'react'
import ReactDOM from 'react-dom/client'
import App from './App'
```

```
ReactDOM.createRoot(document.getElementById('root')).render(
  <App />
)
```

Step 9: View Output

Browser will show:

Hello React with Vite
My first React app

Step 10: Stop the Server

Press:

CTRL + C

```
npm create vite@latest
cd react-vite-app
npm install
npm run dev
```