

# Creating React With Router (Final)

**1** Create a folder by your project name, then open it in VS Code

**2** In the terminal type:

1.

```
npm create vite@latest ./ -- --template react
```

👉 Press the **TAB** if file name doesn't appears .

2.

```
npm install
```

**3** For installing Tailwind and DaisyUI:

```
npm install tailwindcss@latest @tailwindcss/vite@latest daisyui@latest
```

**4** Add this in vite.config.js:

```
import { defineConfig } from "vite";
import tailwindcss from "@tailwindcss/vite";
import react from "@vitejs/plugin-react";

export default defineConfig({
  plugins: [tailwindcss(), react()],
});
```

**5** Add this in app.css

(Clear all from app.css and index.css first)

```
@import "tailwindcss";  
@plugin "daisyui";
```

## 6 For live server preview every time:

```
npm run dev
```

## 7 Install React Router:

```
npm i react-router
```

## 8 Create a folder named Root, and inside it, create a file named Root.jsx with the following:

```
import React from "react";  
import { Outlet } from "react-router";  
// import (Make a NavBar and import it)  
// import (Make a Footer and import it)  
  
const Root = () => {  
  return (  
    <div>  
      { /* <NavBar></NavBar> */}  
      <Outlet></Outlet>  
      { /* <Footer></Footer> */}  
    </div>  
  );  
};  
  
export default Root;
```

## 9 Create a folder named Router, inside it create a file named Routes.jsx:


```
import { createBrowserRouter } from "react-router";
import Root from "../Root/Root";

export const router = createBrowserRouter([
  {
    path: "/",
    element: <Root></Root>,
    children: [],
  },
]);
```

## 10 Go to main.jsx and make the file like this:

```
import { StrictMode } from "react";
import { createRoot } from "react-dom/client";
import { RouterProvider } from "react-router";
import { router } from "../Router/Routes";

createRoot(document.getElementById("root")).render(
  <StrictMode>
    <RouterProvider router={router}></RouterProvider>
  </StrictMode>
);
```

 **Note:** The router is imported from ../Router/Routes. Make sure this path matches the folder and file you created. If your folder or file name is different, update the import path accordingly.