


Step 1: Create a React Project with Vite

1. Open your terminal and run the following commands to create a new React project using Vite:


bash

 Copy code

```
npm create vite@latest my-react-app
```

2. Navigate into your project directory:


bash

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```
cd my-react-app
```

3. Install dependencies:

bash


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```
npm install
```

Step 2: Install and Configure Tailwind CSS

1. Install Tailwind CSS and its dependencies:


bash

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```
npm install -D tailwindcss postcss autoprefixer
```

2. Initialize Tailwind CSS configuration:

bash


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```
npx tailwindcss init -p
```

This will create `tailwind.config.js` and `postcss.config.js` files.

3. Configure `tailwind.config.js` to enable JIT mode and add the paths to your template files:


js

 Copy code

```
/** @type {import('tailwindcss').Config} */
export default {
  content: [
    './index.html',
    './src/**/*.{js,ts,jsx,tsx}',
  ],
  theme: {
    extend: {},
  },
  plugins: [],
}
```

4. Add the Tailwind directives to your CSS file. Open `src/index.css` and add the following:

CSS


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```
@tailwind base;
@tailwind components;
@tailwind utilities;
```

Step 3: Install and Configure DaisyUI

1. Install DaisyUI:


bash

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```
npm install daisyui
```

2. Add DaisyUI as a plugin in your `tailwind.config.js` file:

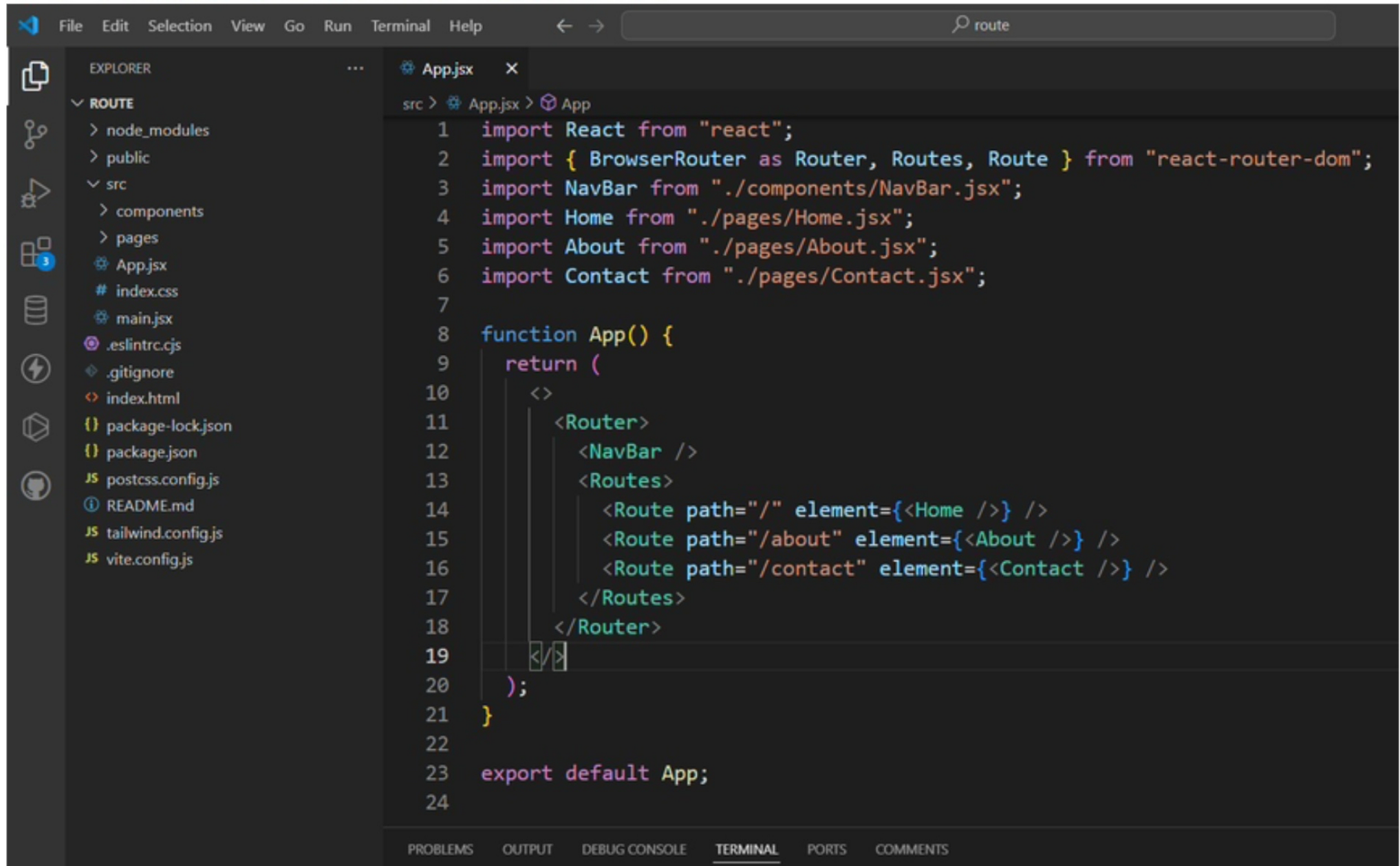
js

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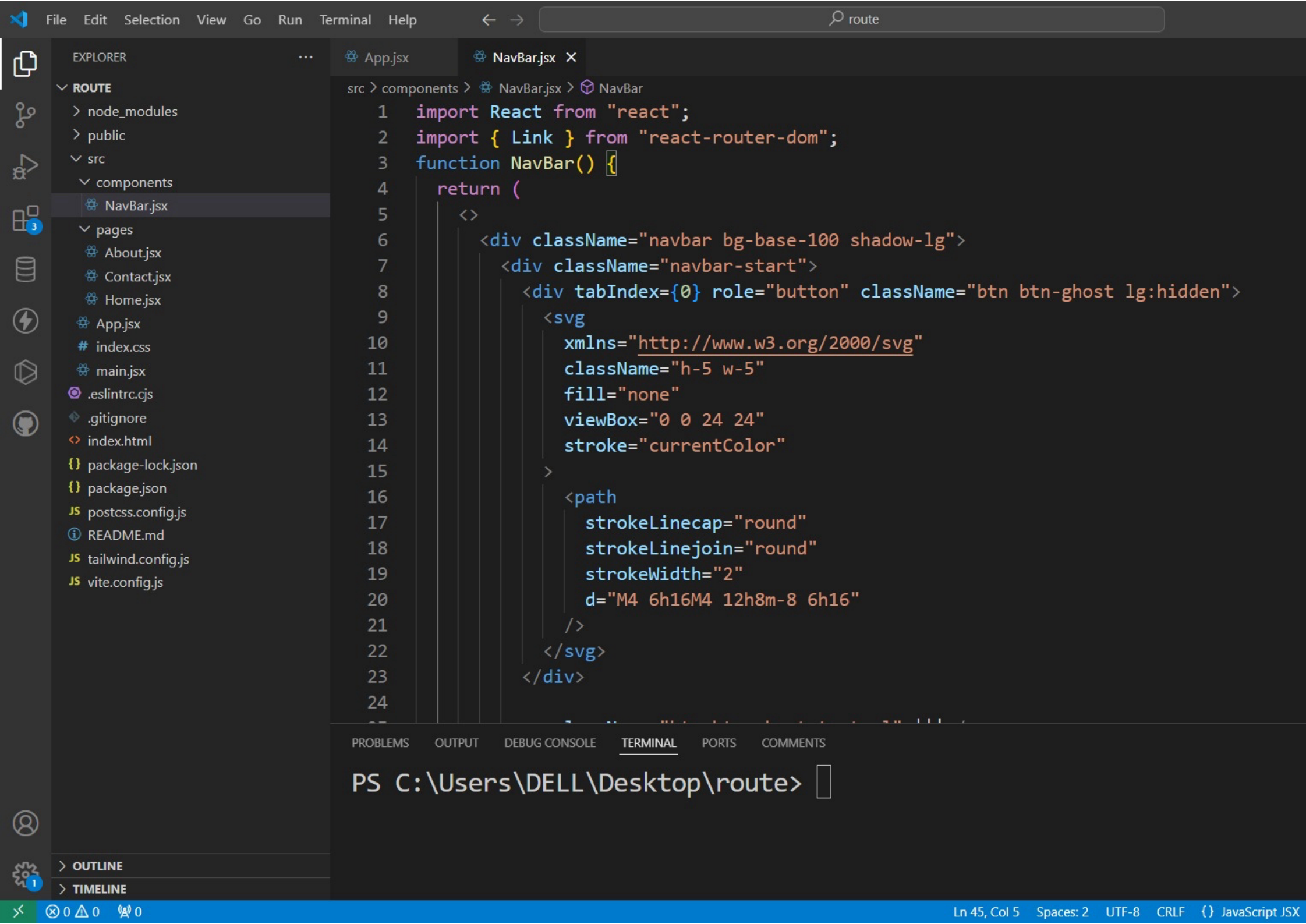
```
/** @type {import('tailwindcss').Config} */
export default {
  content: [
    "./index.html",
    "./src/**/*.{js,ts,jsx,tsx}",
  ],
  theme: {
    extend: {},
  },
  plugins: [require('daisyui')],
}
```

Step 4: Create and Test Components

1. Create a basic component to test if Tailwind CSS and DaisyUI are working. For example, create a file `src/App.jsx` with the following content:

A screenshot of a code editor interface, likely VS Code, showing a file named App.jsx. The Explorer sidebar on the left shows a project structure with folders like node_modules, public, and src, and files like index.css, main.jsx, .eslintrc.cjs, .gitignore, index.html, package-lock.json, package.json, postcss.config.js, README.md, tailwind.config.js, and vite.config.js. The App.jsx file is selected. The main editor area shows the following code:

```
1 import React from "react";
2 import { BrowserRouter as Router, Routes, Route } from "react-router-dom";
3 import NavBar from "../components/NavBar.jsx";
4 import Home from "../pages/Home.jsx";
5 import About from "../pages/About.jsx";
6 import Contact from "../pages/Contact.jsx";
7
8 function App() {
9   return (
10     <>
11       <Router>
12         <NavBar />
13         <Routes>
14           <Route path="/" element={<Home />} />
15           <Route path="/about" element={<About />} />
16           <Route path="/contact" element={<Contact />} />
17         </Routes>
18       </Router>
19     </>
20   );
21 }
22
23 export default App;
```

EXPLORER

ROUTE

- > node_modules
- > public
- ▼ src
 - ▼ components
 - NavBar.jsx
 - ▼ pages
 - About.jsx
 - Contact.jsx
 - Home.jsx
 - App.jsx
 - # index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - { } package-lock.json
 - { } package.json
 - JS postcss.config.js
 - ① README.md
 - JS tailwind.config.js
 - JS vite.config.js

App.jsx

NavBar.jsx X

src > components > NavBar.jsx > NavBar

```
1 import React from "react";
2 import { Link } from "react-router-dom";
3 function NavBar() {
4   return (
5     <>
6       <div className="navbar bg-base-100 shadow-lg">
7         <div className="navbar-start">
8           <div tabIndex={0} role="button" className="btn btn-ghost lg:hidden">
9             <svg
10               xmlns="http://www.w3.org/2000/svg"
11               className="h-5 w-5"
12               fill="none"
13               viewBox="0 0 24 24"
14               stroke="currentColor"
15             >
16               <path
17                 strokeLinecap="round"
18                 strokeLinejoin="round"
19                 strokeWidth="2"
20                 d="M4 6h16M4 12h8m-8 6h16"
21               />
22             </svg>
23           </div>
24
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

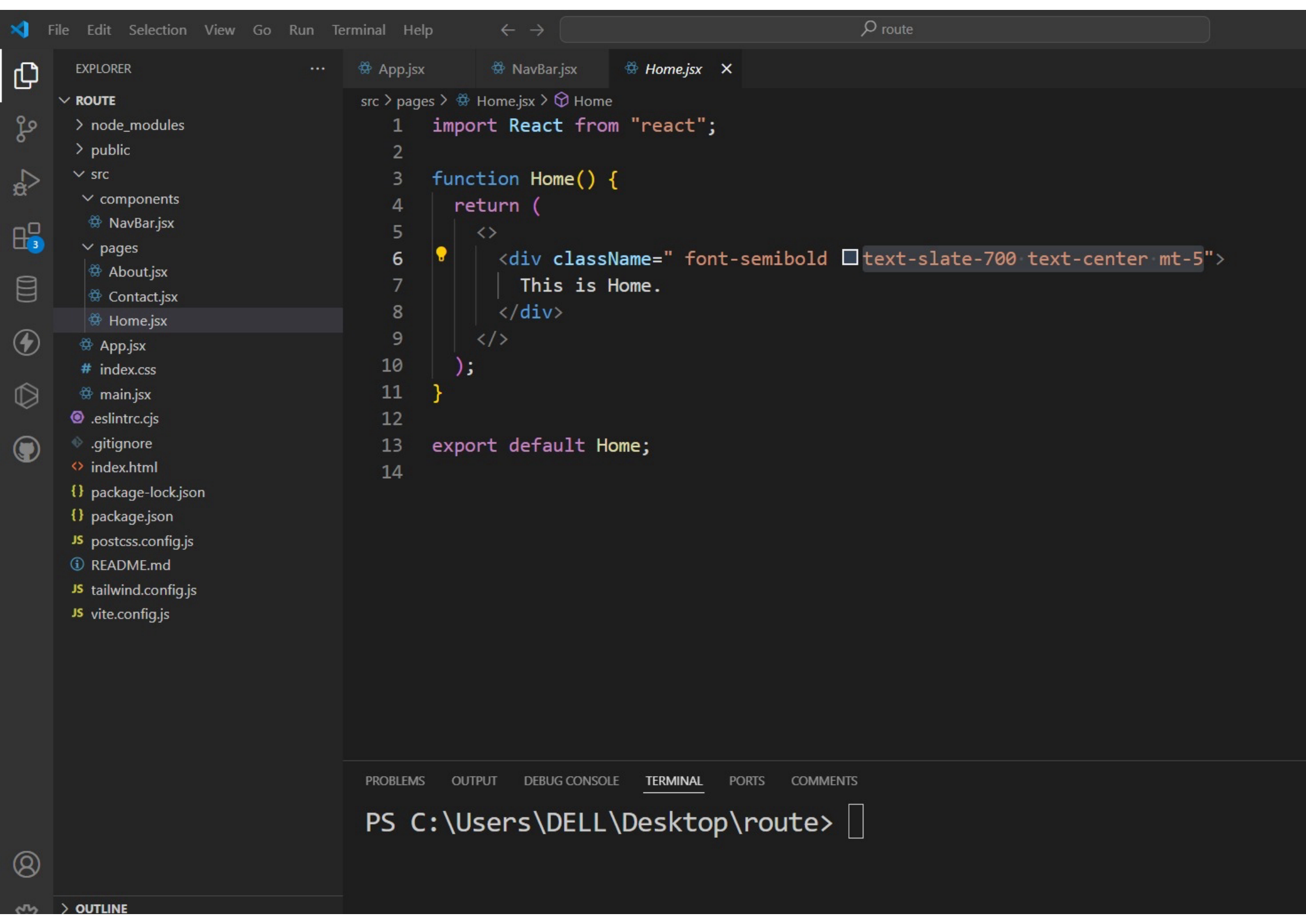
PORTS

COMMENTS

PS C:\Users\DELL\Desktop\route>

> OUTLINE

> TIMELINE



EXPLORER

ROUTE

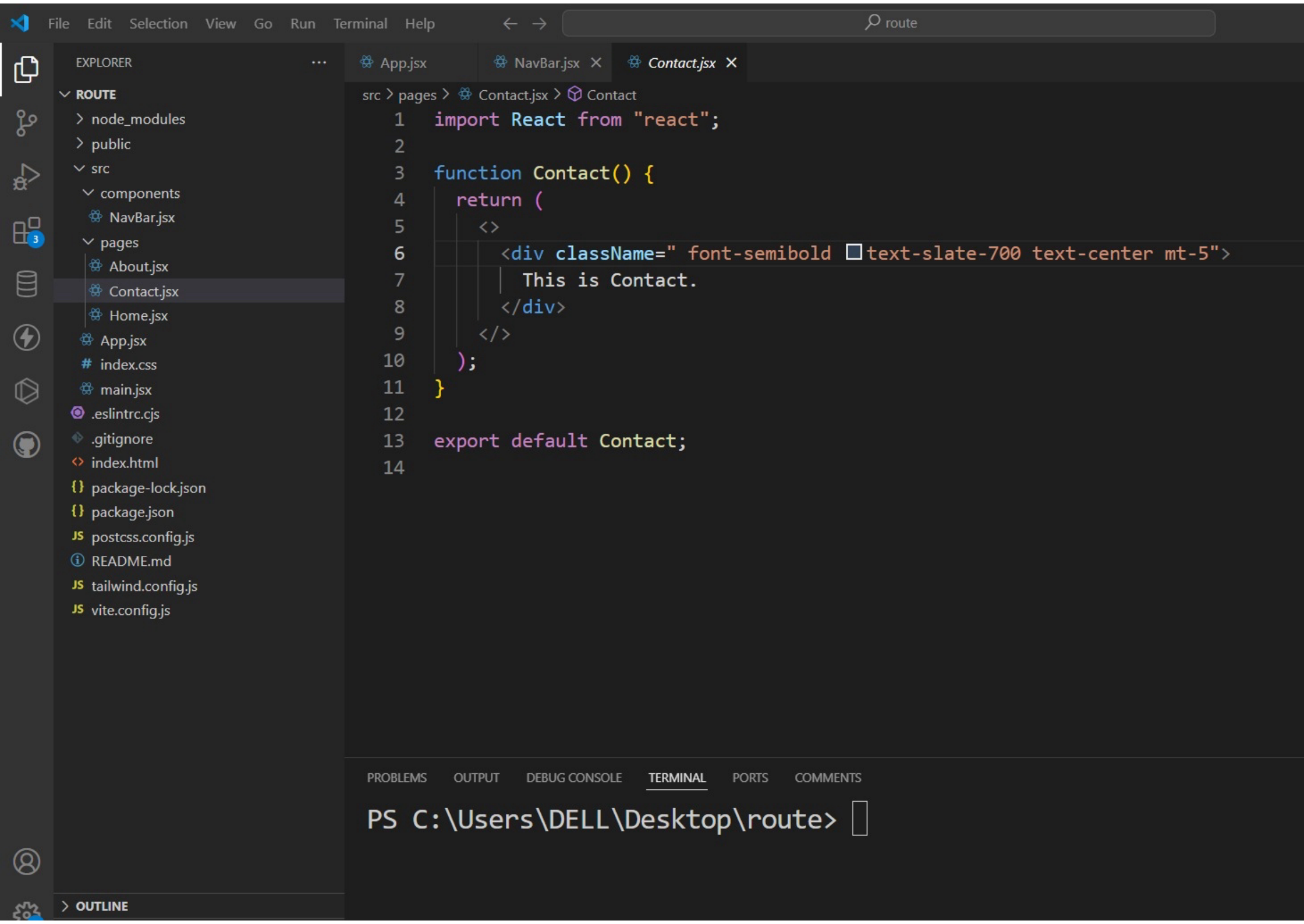
- node_modules
- public
- src
 - components
 - NavBar.jsx
 - pages
 - About.jsx
 - Contact.jsx
 - Home.jsx
- App.jsx
- # index.css
- main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- postcss.config.js
- README.md
- tailwind.config.js
- vite.config.js

OUTLINE

App.jsx NavBar.jsx About.jsx

src > pages > About.jsx > About

```
1 import React from "react";
2
3 function About() {
4   return (
5     <>
6       <div className="font-semibold text-slate-700 text-center mt-5">
7         This is About.
8       </div>
9     </>
10  );
11 }
12
13 export default About;
14
```

To run the project, follow these steps:

1. **Navigate to Your Project Directory:** Ensure you're in the root directory of your project. If not, navigate to it using the terminal:

```
bash
```

[Copy code](#)

```
cd my-react-app
```

2. **Start the Development Server:** Use the following command to start the Vite development server:

```
bash
```

[Copy code](#)

```
npm run dev
```

3. **Open the Project in a Browser:** Once the development server is running, it will provide you with a local URL, typically `http://localhost:3000`. Open your browser and navigate to this URL to see your project in action.