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npm create vite@latest frontend --template react
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npm install react-router-dom@latest
```

```
src/layouts/RootLayout.jsx
```

```
import React from 'react'
import { Outlet, Link } from 'react-router-dom'
const RootLayout = () => {
  return (
    <>
      <header style={{ padding: 20, background: "#eee" }}>
        <h2>My App</h2>
        <nav style={{ display: "flex", gap: 10 }}>
          <Link to="/">Home</Link>
          <Link to="/about">About</Link>
          <Link to="/login">Login</Link>
        </nav>
      </header>
      <div><Outlet /></div>
    </>
  )
}
export default RootLayout
```

```
src/router/index.jsx
```

```
import { createBrowserRouter } from "react-router-dom";
import { createBrowserRouter } from "react-router-dom";
import RootLayout from "../layout/RootLayout";
import Home from "../pages/Home";
import Login from "../pages/Login";
import About from "../pages/About";

export const router = createBrowserRouter([
  {
    path: '/login',
    element: <Login />
  },
  {
    path: '/',
    element: <RootLayout />,
    children: [
      {
        index: true,
        element: <Home />
      },
      {
        path: '/about',
        element: <About />
      },
    ],
  }
])
```

Src/App.jsx

```
import React from 'react'
import { RouterProvider } from 'react-router-dom'
import { router } from './router'
function App() {
  return (
    <RouterProvider router={router} />
  )
}
export default App
```