What is React Router?

React Router is a client-side routing library that allows us to create Single Page Applications (SPA) where:

❑ Users navigate between pages without refreshing the page.

❑ Only the necessary components update, improving performance and UX.

React Router v6

❑ Basic Setup (BrowserRouter + Routes + Route)

❑ Link & NavLink

❑ Dynamic Routing

❑ Programmatic Navigation (useNavigate)

❑ Redirect – Navigate component

❑ Nested Routing

Newer Version

❑ Basic Setup (createBrowserRouter + RouterProvider)

❑ Link & NavLink

❑ Dynamic Routing

❑ Programmatic Navigation (useNavigate)

❑ Redirect – Navigate component

❑ Nested Routing

❑ Fetch data before component loads

Thank You