Date : Day - 31	Practical Task
Expt.No. :	Page.No :

Task - 5 (Mock)

5. Explain routing flow in 1 Minute (Mock)

Ans

In React, routing is handled using "React Router DOM" to create a single - page application.

First, We wrap the entire app with "BrowserRouter", which enables routing using the browser's history API. Inside the app, we define routes using the "Routes" Component, and each route is declared using a "Route", which maps a URL Path to a React Component. For Navigation, instead of using "a" tags, we use the "Link" Component, which changes the URL without reloading the page. When the URL changes, React Router matches the path, renders the corresponding component, and updates only that part of the UI.

This way, React achieves fast navigation, better performance, and a smooth user experience.