### ****Objective Five: React Context & Routing****

* **Need & Benefits of Context API**
  + Avoids **prop drilling**
  + Shares global data (e.g., theme, auth)
* **Working with** createContext()

jsx

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const UserContext = React.createContext();

<UserContext.Provider value={user}>...</UserContext.Provider>

* **Types of Router Components**  
  (from react-router-dom)
  + <BrowserRouter>
  + <Route>
  + <Switch> or <Routes>
  + <Link> / <NavLink>