

CORS

- Cross Origin Resource Sharing
- Only for the Desktop Browser

Storage options for browser

1. Session Storage
 - It is a storage created for the page currently running in the tab
2. Local Storage
 - It is used to store the data permanently in the browser

loginstatus = false / true

ContextAPI

- When we need to share the data with the multiple components
 - const LoginContext = createContext() // created the context object
 - create the state that needs to be shared across multiple components
 - const [loginStatus, setLoginStatus] = useState(false)
 - Share the state created with all the components using the created context
- ```
<LoginContext.Provider value={{ loginStatus, setLoginStatus }}>
<Routes>
 <Route path="/" element={<Login />} />
 <Route path="/register" element={<Register />} />
 <Route path="/home" element={<Home />} />
 <Route path="/profile" element={<Profile />} />
</Routes>
</LoginContext.Provider>
```

## useEffect()

- it is a react hook used to work with the lifecycle of the component
  - we need to pass 2 arguments to the hook
1. arrow function
  2. dependency array
    - Keep it empty to make sure the useEffect gets called only once when the component is loaded