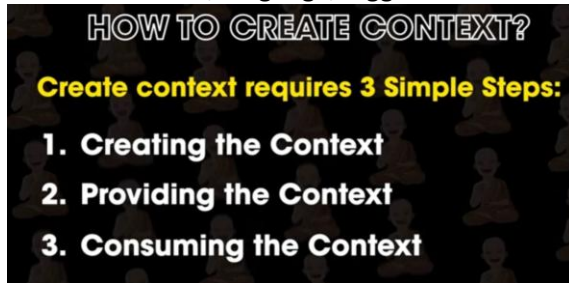


### 3. useContext — Context থেকে ডেটা নেওয়া (use to manage global data in react application)

কাজ: Props না পাঠিয়ে component tree-এর যেকোনো জায়গা থেকে shared data পাওয়া।

উদাহরণ: Theme, language, logged-in user info



- Creating the context

```
terminal  Help  ← →  hooks

JS App.js  M  JS MainComponents.js U

src > JS App.js > ...
1 import React, {createContext} from "react";
2 import MainComponent from "../components/MainComponents";
3
4 const LoginContext = createContext();
5 const App = () => {
6   return (
7     <div>
8       <MainComponents />
9     </div>
10   );
11 }
12
13 export default App;
14
```

- Providing the context

```
terminal  Help  ← →  hooks

JS App.js  M X  JS MainComponents.js U  JS SinglePost.js U

src > JS App.js > ...
1 import React, {createContext} from "react";
2 import MainComponents from "../components/MainComponents";
3
4 export const LoginContext = createContext();
5 const App = () => {
6   return (
7     <LoginContext.Provider value={true}>
8       <div>
9         <MainComponent />
10       </div>
11     </LoginContext.Provider>
12   );
13 }
14
15 export default App;
16
17
```

- Consuming the context

```
Terminal  Help  ← →

JS App.js  M  JS MainComponents.js U X  JS SinglePost.js U

src > components > JS MainComponents.js > MainComponents
1 import React from "react";
2 import SinglePost from "../SinglePost";
3 const MainComponents = () =>{
4
5   return <div>
6     <h2><SinglePost /></h2>
7   </div>
8 };
9 export default MainComponents;

src > components > JS SinglePost.js > SinglePost
1 import React, {useContext} from "react";
2 import { LoginContext } from "../App";
3 const SinglePost = () =>{
4   const login = useContext(LoginContext)
5   console.log(login)
6   return <div>
7     <SinglePost
8   </div>
9 };
10 export default SinglePost;
```

To organize this app :

