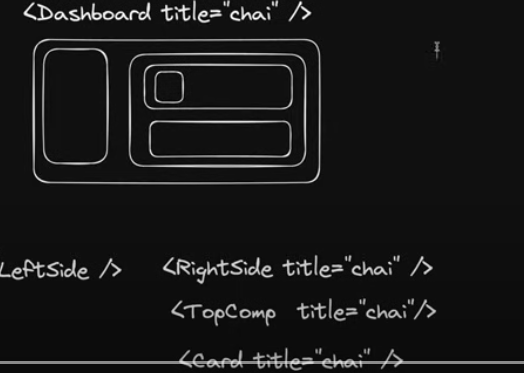
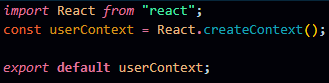
**Context API**

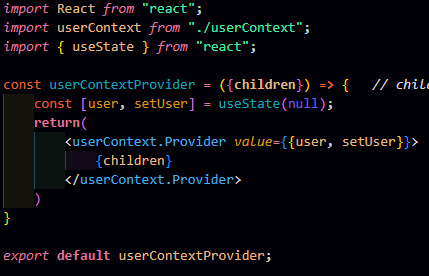
* Context API in react is used to manage the state and share data across the components without need to pass the props manually through every level of the component level.



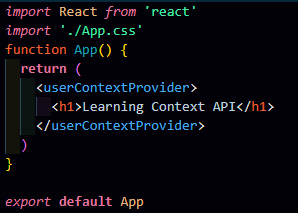
* Only the card component need the data but due to this we have to pass the data to all the levels like right side component and then top component to reach the card component.
* To fix this we use Context API.
* It is used when you have a global data and many components need this data.
* **Steps to use Context:**
  + First we will create a user context for which create a user context **js** file in context named folder in the src.



* + After creating context we have to make a provider to provide the access to the different components.
  + To make a provider create user context provider **jsx** file in the same folder.



* This is how we provide the context.
* After calling the user context provider in **app.jsx** we will now have the access of all the data.



* Now we will create 2 components: **Login.jsx** & **Profile.jsx** to see how the context work.
* In **Login.jsx** we have 2 input boxes for username and password and in **Profile.jsx** we are checking if there is no user then show please login otherwise show their username.

**Theme Switcher Project**

In this project we will see the different approach for making the context.

1. Created a context folder with **theme.js** file.