

Task 3

1.Task Description:

Create a custom hook to manage local or session storage. This hook will allow components to easily save and retrieve data from local storage or session storage.

2.Task Output Screenshot

Welcome, !

Welcome, Yash Mehta!

3.Widget/Algorithm Used In Task

a. Custom React Hook: Encapsulates logic to interact with local or session storage, promoting reusability and cleaner component code.

b. Local and Session Storage API: Provides persistent storage options in the browser, allowing data to be stored across sessions or limited to a single session.

c. useEffect Hook: Used to watch changes in data and update storage accordingly, ensuring the storage is synchronized with the component's state.