12. ReactJS-HOL from React folder:

Create a react app with name ticketbookingapp through terminal or vs code in vs code

```
PS C:\Users\91833> npx create-react-app ticketbookingapp

Creating a new React app in C:\Users\91833\ticketbookingapp.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...




 Happy hacking!
 PS C:\Users\91833> cd ticketbookingapp
 PS C:\Users\91833\ticketbookingapp> code .          # opens VS Code
 PS C:\Users\91833\ticketbookingapp> npm start       # starts dev server

 > ticketbookingapp@0.1.0 start
 > react-scripts start

 (node:540) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfte
 recated. Please use the 'setupMiddlewares' option.
 (Use `node --trace-deprecation ...` to show where the warning was created)
 (node:540) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBef
 eprecated. Please use the 'setupMiddlewares' option.
 Starting the development server...
 Compiled successfully!

 You can now view ticketbookingapp in the browser.

   Local:             http://localhost:3000
```

Now change the app.js file in src with this code:

```
> JS App.js > ⦿ App
1    import React, { useState } from 'react';
2    function Greeting(props) {
3      const isLoggedIn = props.isLoggedIn;
4      if (isLoggedIn) {
5        return <UserGreeting />;
6      }
7      return <GuestGreeting />;
8    }
9    function UserGreeting() {
10     return <h2>Welcome back</h2>;
11   }
12   function GuestGreeting() {
13     return <h2>Please sign up.</h2>;
14   }
15   function LoginButton(props) {
16     return <button onClick={props.onClick}>Login</button>;
17   }
18   function LogoutButton(props) {
19     return <button onClick={props.onClick}>Logout</button>;
20   }
21   function App() {
22     const [isLoggedIn, setIsLoggedIn] = useState(false);
23     const handleLoginClick = () => setIsLoggedIn(true);
24     const handleLogoutClick = () => setIsLoggedIn(false);
```

```
0    }
1    function App() {
2      const [isLoggedIn, setIsLoggedIn] = useState(false);
3      const handleLoginClick = () => setIsLoggedIn(true);
4      const handleLogoutClick = () => setIsLoggedIn(false);
5      return (
6        <div style={{ padding: '20px', fontFamily: 'Arial' }}>
7          <h1>Booking tickets app</h1>
8          <Greeting isLoggedIn={isLoggedIn} />
9          {isLoggedIn ? (
0            <LogoutButton onClick={handleLogoutClick} />
1          ) : (
2            <LoginButton onClick={handleLoginClick} />
3          )}
4        </div>
5      );
6    }
7    export default App;
8
```
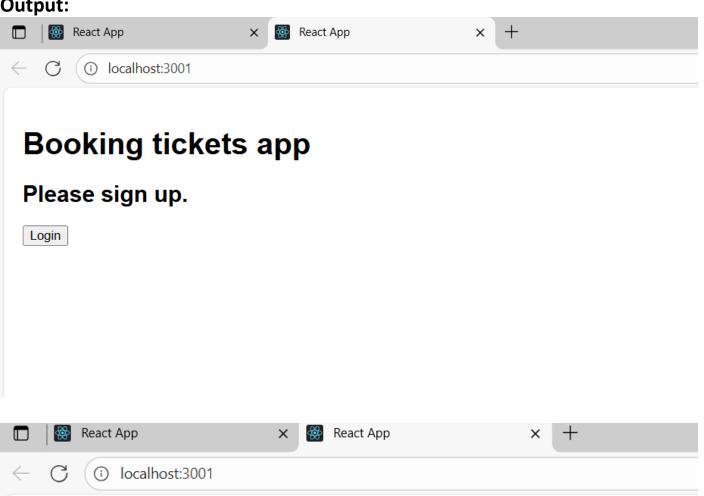
Now run the app
output:

```
Compiling...
Compiled successfully!

You can now view ticketbookingapp in the browser.

  Local:            http://localhost:3001
  On Your Network:  http://192.168.75.1:3001

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
[]
```

Output:

Booking tickets app

Please sign up.

Login

Booking tickets app

Welcome back

Logout