

12.React.js – HOL

Command : npx create-react-app ticketbookingapp

App.js

```
import React, { useState } from 'react';

import LoginButton from './LoginButton';

import LogoutButton from './LogoutButton';

import Greeting from './Greeting';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

function App() {

  const [isLoggedIn, setIsLoggedIn] = useState(false);

  const handleLoginClick = () => {

    setIsLoggedIn(true);

  };

  const handleLogoutClick = () => {

    setIsLoggedIn(false);

  };

  let button;

  if (isLoggedIn) {

    button = <LogoutButton onClick={handleLogoutClick} />;

  } else {
```

```
    button = <LoginButton onClick={handleLoginClick} />;
  }

  return (
    <div>

      <Greeting isLoggedIn={isLoggedIn} />

      {button}

      <hr />

      {isLoggedIn ? <UserPage /> : <GuestPage />}

    </div>

  );
}

export default App;
```

Greeting.js

```
import UserGreeting from './UserGreeting';

import GuestGreeting from './GuestGreeting';

function Greeting(props) {

  const isLoggedIn = props.isLoggedIn;

  if (isLoggedIn) {

    return <UserGreeting />;

  }

  return <GuestGreeting />;

}

export default Greeting;
```

GuestGreeting.js

```
function GuestGreeting() {  
  
  return <h1>Please sign up.</h1>;  
  
}  
  
export default GuestGreeting;
```

GuestPage.js

```
function GuestPage() {  
  
  return (  
  
    <div>  
  
      <h2>Available Flights</h2>  
  
      <ul>  
  
        <li>Chennai → Delhi - 10:00 AM</li>  
  
        <li>Bangalore → Mumbai - 01:00 PM</li>  
  
      </ul>  
  
    </div>  
  
  );  
  
}  
  
export default GuestPage;
```

UserGreeting.js

```
function UserGreeting() {  
  
  return <h1>Welcome back</h1>;  
  
}  
  
export default UserGreeting;
```

UserPage.js

```
function UserPage() {  
  
  return (  
  
    <div>  
  
      <h2>Book Your Ticket</h2>  
  
      <p>Select flight, date, and passengers to proceed.</p>  
  
    </div>  
  
  );  
}  
  
export default UserPage;
```

LoginButton.js

```
function LoginButton(props) {  
  
  return (  
  
    <button onClick={props.onClick}>  
  
      Login  
  
    </button>  
  
  );  
}  
  
export default LoginButton;
```

LogoutButton.js

```
function LogoutButton(props) {  
  
  return (  
  
    <button onClick={props.onClick}>
```

```
      Logout

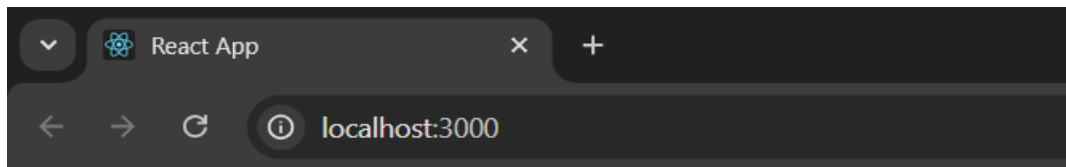
    </button>

  );
}

export default LogoutButton;
```

Command : npm start

Output :



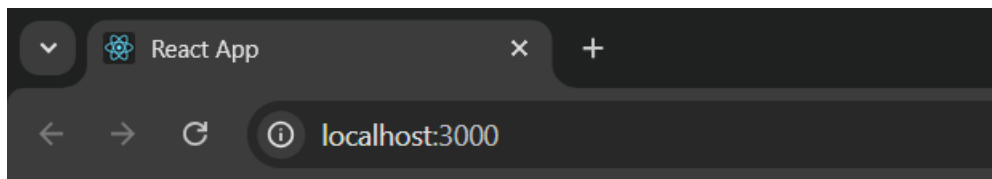
Please sign up.

Login

Available Flights

- Chennai → Delhi - 10:00 AM
- Bangalore → Mumbai - 01:00 PM

After clicking Login button



Welcome back

Logout

Book Your Ticket

Select flight, date, and passengers to proceed.