**12. ReactJS-HOL**

**App.js**

import React, { useState } from 'react';

import Greeting from './Greeting';

import LoginButton from './LoginButton';

import LogoutButton from './LogoutButton';

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 style={{ padding: '20px', fontFamily: 'Arial' }}>

      <Greeting isLoggedIn={isLoggedIn} />

      {button}

    </div>

  );

}

export default App;

**Greeting.js**

import React from 'react';

import UserGreeting from './UserGreeting';

import GuestGreeting from './GuestGreeting';

function Greeting(props) {

const isLoggedIn = props.isLoggedIn;

if (isLoggedIn) {

return <UserGreeting />;

}

return <GuestGreeting />;

}

export default Greeting;

**UserGreeting.js**

import React from 'react';

function UserGreeting() {

return <h2>Welcome back</h2>;

}

export default UserGreeting;

**GuestGreeting.js**

import React from 'react';

function GuestGreeting() {

return <h2>Please sign up.</h2>;

}

export default GuestGreeting;

**LoginButton.js**

import React from 'react';

function LoginButton(props) {

return (

<button onClick={props.onClick}>

Login

</button>

);

}

export default LoginButton;

**LogoutButton.js**

import React from 'react';

function LogoutButton(props) {

return (

<button onClick={props.onClick}>

Logout

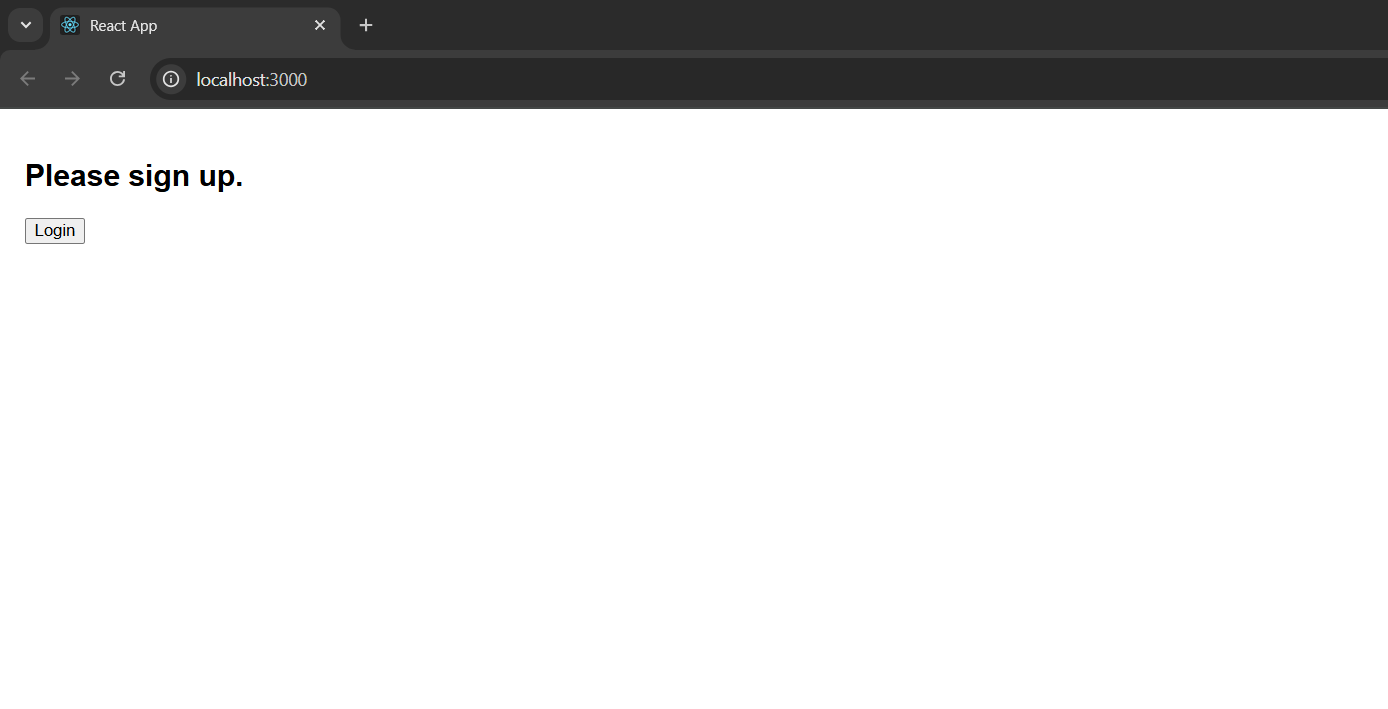
</button>

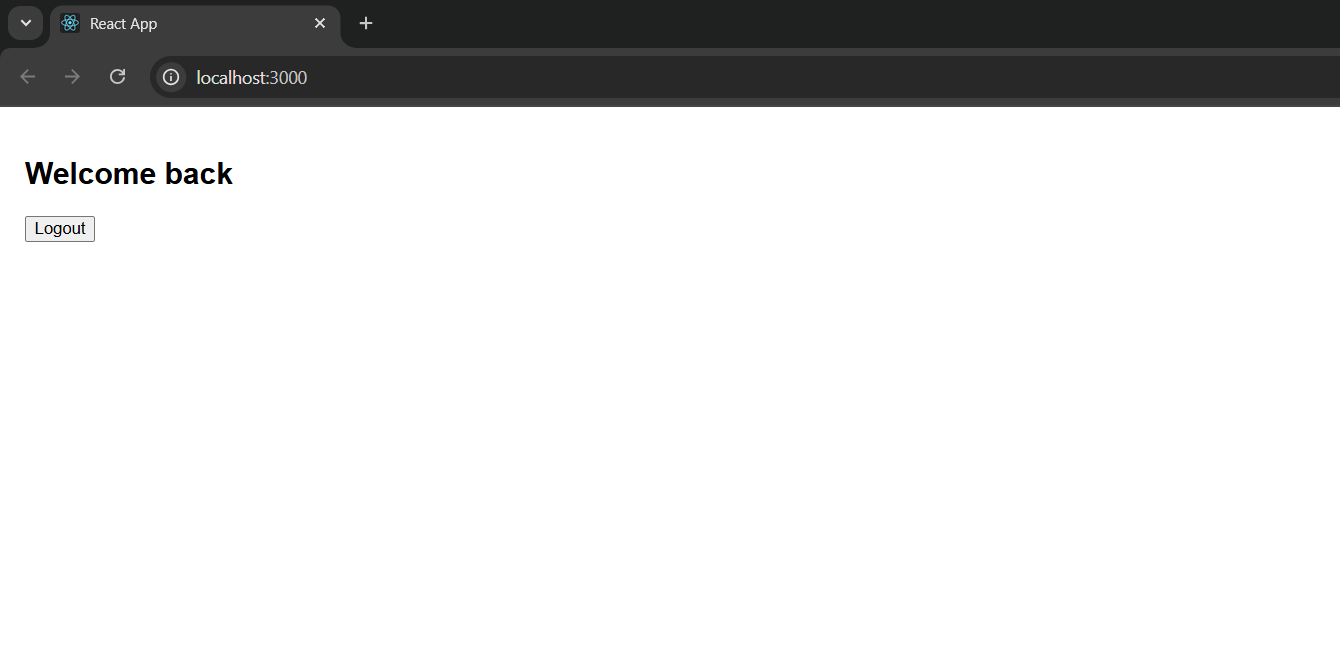
);

}

export default LogoutButton;

**OUTPUT:**

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