**12. ReactJS - HOL**

**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;

**UserGreeting.js**

function UserGreeting() {

  return <h1>Welcome back</h1>;

}

export default UserGreeting;

**GuestGreeting.js**

function GuestGreeting() {

  return <h1>Please sign up.</h1>;

}

export default GuestGreeting;

**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;

**App.js**

import React, { useState } from 'react';

import './App.css';

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);

  const button = isLoggedIn ? (

    <LogoutButton onClick={handleLogoutClick} />

  ) : (

    <LoginButton onClick={handleLoginClick} />

  );

  return (

    <div className="App">

      <Greeting isLoggedIn={isLoggedIn} />

      {button}

    </div>

  );

}

export default App;

**App.css**

.App {

  display: flex;

  flex-direction: column;

  justify-content: center;

  align-items: center;

  height: 50vh;

  text-align: center;

}

button {

  margin-top: 20px;

  padding: 10px 20px;

  font-size: 16px;

  cursor: pointer;

}

.App-logo {

  height: 40vmin;

  pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

  .App-logo {

    animation: App-logo-spin infinite 20s linear;

  }

}

.App-header {

  background-color: #282c34;

  min-height: 100vh;

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  font-size: calc(10px + 2vmin);

  color: white;

}

.App-link {

  color: #61dafb;

}

@keyframes App-logo-spin {

  from {

    transform: rotate(0deg);

  }

  to {

    transform: rotate(360deg);

  }

}





