**bloggerapp**

index.html:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8"/>

<meta name="viewport" content="width=device-width, initial-scale=1.0"/>

<title>ReactJS Lists & Conditional Rendering HOL</title>

</head>

<body>

<div id="root"></div>

<script src="https://unpkg.com/react@17/umd/react.development.js"></script>

<script src="https://unpkg.com/react-dom@17/umd/react-dom.development.js"></script>

<script src="https://unpkg.com/babel-standalone@6/babel.min.js"></script>

<script type="text/babel" src="app.js"></script>

</body>

</html>

App.js:

function LoginMessage() {

return <h2>Welcome back, User!</h2>;

}

function LogoutMessage() {

return <h2>Please log in to continue.</h2>;

}

function Greeting({ isLoggedIn }) {

return isLoggedIn ? <LoginMessage /> : <LogoutMessage />;

}

function PlayerList({ players }) {

return (

<ul>

{players.map(player => (

<li key={player.id}>{player.name}</li>

))}

</ul>

);

}

function Player({ name }) {

return <li>{name}</li>;

}

function PlayerListExtracted({ players }) {

return (

<ul>

{players.map(player => (

<Player key={player.id} name={player.name} />

))}

</ul>

);

}

function App() {

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

const players = [

{ id: 1, name: "Virat" },

{ id: 2, name: "Rohit" },

{ id: 3, name: "Surya" }

];

return (

<div style={{ padding: '20px' }}>

<h1>ReactJS Conditional Rendering & Lists Demo</h1>

{/\* Conditional Rendering \*/}

<Greeting isLoggedIn={isLoggedIn} />

<button onClick={() => setIsLoggedIn(!isLoggedIn)}>

{isLoggedIn ? "Log out" : "Log in"}

</button>

<hr/>

{/\* List Rendering directly \*/}

<h3>Player List (Direct Map)</h3>

<PlayerList players={players} />

{/\* List Rendering via Extracted Component \*/}

<h3>Player List (Extracted Component)</h3>

<PlayerListExtracted players={players} />

</div>

);

}

ReactDOM.render(<App />, document.getElementById('root'));