**React**

**Handson1 ReactJS-HOL**

**Source Code**

import React from "react";

const ListofPlayers = () => {

const players = [

{ name: "Rohit", score: 80 },

{ name: "Kohli", score: 60 },

{ name: "Rahul", score: 75 },

{ name: "Pant", score: 65 },

{ name: "Hardik", score: 90 },

{ name: "Jadeja", score: 45 },

{ name: "Shami", score: 70 },

{ name: "Bumrah", score: 85 },

{ name: "Ashwin", score: 55 },

{ name: "Siraj", score: 95 },

{ name: "Gill", score: 50 },

];

const filteredPlayers = players.filter(player => player.score >= 70);

return (

<div>

<h2>Players with Score ≥ 70</h2>

<ul>

{filteredPlayers.map((player, index) => (

<li key={index}>

{player.name} - {player.score}

</li>

))}

</ul>

</div>

);

};

const IndianPlayers = () => {

const oddTeam = ["Rohit", "Rahul", "Hardik", "Shami", "Ashwin", "Gill"];

const evenTeam = ["Kohli", "Pant", "Jadeja", "Bumrah", "Siraj"];

// Destructuring Example

const [p1, p2, p3, ...restOdd] = oddTeam;

const [e1, e2, e3, ...restEven] = evenTeam;

// Merge Arrays

const T20players = ["SKY", "Tilak", "Rinku"];

const RanjiTrophy = ["Pujara", "Rahane", "Shaw"];

const merged = [...T20players, ...RanjiTrophy];

return (

<div>

<h2>Odd Team Players (Destructured)</h2>

<ul>

<li>{p1}</li>

<li>{p2}</li>

<li>{p3}</li>

{restOdd.map((player, index) => (

<li key={index}>{player}</li>

))}

</ul>

<h2>Even Team Players (Destructured)</h2>

<ul>

<li>{e1}</li>

<li>{e2}</li>

<li>{e3}</li>

{restEven.map((player, index) => (

<li key={index}>{player}</li>

))}

</ul>

<h2>Merged T20 and Ranji Trophy Players</h2>

<ul>

{merged.map((player, index) => (

<li key={index}>{player}</li>

))}

</ul>

</div>

);

};

function App() {

const flag = true; // Set to false to test the other component

return (

<div className="App">

<h1>Cricket App</h1>

{flag ? <ListofPlayers /> : <IndianPlayers />}

</div>

);

}

export default App;

**OUTPUT**

