REACT EXERCISE 9

(src/App.js)

import React from "react";

const players = [

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

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

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

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

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

{ name: "Shami", score: 40 }

];

// 1. List of Players

function ListOfPlayers({ players }) {

return (

<div>

{players.map((item, index) => (

<div key={index}>

<li>

{item.name} - {item.score}

</li>

</div>

))}

</div>

);

}

// 2. Players with scores < 70

function ScoresBelow70({ players }) {

return (

<div>

{players

.filter((p) => p.score < 70)

.map((item, index) => (

<div key={index}>

<li>{item.name}</li>

</div>

))}

</div>

);

}

// 3. Odd and Even Players using destructuring

function OddPlayers({ team }) {

const [first, , third] = team;

return (

<ul>

<li>{first.name}</li>

<li>{third.name}</li>

</ul>

);

}

function EvenPlayers({ team }) {

const [, second, , fourth] = team;

return (

<ul>

<li>{second.name}</li>

<li>{fourth.name}</li>

</ul>

);

}

// 4. Merge arrays

function ListIndianPlayers({ IndianPlayers }) {

return (

<ul>

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

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

))}

</ul>

);

}

export default function App() {

const T20Players = ["Virat", "Rohit", "Hardik"];

const RanjiTrophyPlayers = ["Shubman", "Sarfaraz", "Prithvi"];

const IndianPlayers = [...T20Players, ...RanjiTrophyPlayers];

const flag = true; // change to false to see other view

return (

<div>

{flag ? (

<div>

<h1>List of Players:</h1>

<ListOfPlayers players={players} />

<h1>List of Players having Scores Less than 70:</h1>

<ScoresBelow70 players={players} />

</div>

) : (

<div>

<h1>Indian Team</h1>

<h3>Odd Players:</h3>

<OddPlayers team={players} />

<h3>Even Players:</h3>

<EvenPlayers team={players} />

<h3>List of Indian Players Merged:</h3>

<ListIndianPlayers IndianPlayers={IndianPlayers} />

</div>

)}

</div>

);

}

OUTPUT:



