**Week 7 (React)**

**9. ReactJS-HOL**

**Code:**

**App.js**

import React from 'react';

function App() {

  const flag = false; // can change to true for different output

  const players = [

    { name: "Shubhang", score: 101 },

    { name: "Michael", score: 70 },

    { name: "John", score: 40 },

    { name: "Ann", score: 61 },

    { name: "Elisabeth", score: 61 },

    { name: "Sachin", score: 95 },

    { name: "Dhoni", score: 100 },

    { name: "Virat", score: 84 },

    { name: "Jadeja", score: 64 },

    { name: "Raina", score: 75 },

    { name: "Rohit", score: 80 }

  ];

  const T20Players = ["First Player", "Second Player", "Third Player"];

  const RanjiTrophyPlayers = ["Fourth Player", "Fifth Player", "Sixth Player"];

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

  const IndianTeam = ["Sachin1", "Dhoni2", "Virat3", "Rohit4", "Yuvaraj5", "Raina6"];

  const OddPlayers = ([first, , third, , fifth]) => (

    <div>

      <li>First: {first}</li>

      <li>Third: {third}</li>

      <li>Fifth: {fifth}</li>

    </div>

  );

  const EvenPlayers = ([, second, , fourth, , sixth]) => (

    <div>

      <li>Second: {second}</li>

      <li>Fourth: {fourth}</li>

      <li>Sixth: {sixth}</li>

    </div>

  );

  if (flag) {

    const below70 = [];

    players.forEach(item => {

      if (item.score <= 70) below70.push(item);

    });

    return (

      <div>

        <h1>List of Players</h1>

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

          <div key={index}>

            <li>Mr. {item.name} <span>{item.score}</span></li>

          </div>

        ))}

        <hr />

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

        {below70.map((item, index) => (

          <div key={index}>

            <li>Mr. {item.name} <span>{item.score}</span></li>

          </div>

        ))}

      </div>

    );

  } else {

    return (

      <div>

        <h1>Indian Team</h1>

        <h2>Odd Players</h2>

        {OddPlayers(IndianTeam)}

        <hr />

        <h2>Even Players</h2>

        {EvenPlayers(IndianTeam)}

        <hr />

        <h2>List of Indian Players Merged:</h2>

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

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

        ))}

      </div>

    );

  }

}

export default App;

**Screenshot:**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**