**WEEK 7 : REACT Hands On 9**

**Creating a Cricket React Application**

**Code :**

**App.js**

import React from 'react';

import './App.css';

import ListOfPlayers from './components/ListOfPlayers';

import IndianPlayers from './components/IndianPlayers';

function App() {

  const flag = false; // change to false to see IndianPlayers

  return (

    <div className="App">

      <h1>Cricket App</h1>

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

    </div>

  );

}

export default App;

**IndianPlayers.js**

import React from 'react';

const IndianPlayers = () => {

  const T20players = ['Kohli', 'Rohit', 'Hardik', 'Pant', 'Bumrah'];

  const RanjiTrophyPlayers = ['Pujara', 'Rahane', 'Saha', 'Karun', 'Manoj'];

  const allPlayers = [...T20players, ...RanjiTrophyPlayers];

  const oddPlayers = allPlayers.filter((\_, index) => index % 2 === 1);

  const evenPlayers = allPlayers.filter((\_, index) => index % 2 === 0);

  return (

    <div>

      <h2>All Indian Players (Merged)</h2>

      <ul>

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

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

        ))}

      </ul>

      <h3>Even Index Players</h3>

      <ul>

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

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

        ))}

      </ul>

      <h3>Odd Index Players</h3>

      <ul>

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

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

        ))}

      </ul>

    </div>

  );

};

export default IndianPlayers;

**ListOfPlayers.js**

import React from 'react';

const ListOfPlayers = () => {

  const players = [

    { name: 'Virat', score: 85 },

    { name: 'Rohit', score: 45 },

    { name: 'Dhoni', score: 75 },

    { name: 'Hardik', score: 30 },

    { name: 'KL Rahul', score: 90 },

    { name: 'Bumrah', score: 65 },

    { name: 'Jadeja', score: 50 },

    { name: 'Pant', score: 95 },

    { name: 'Ashwin', score: 70 },

    { name: 'Gill', score: 40 },

    { name: 'Shami', score: 55 },

  ];

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

  return (

    <div>

      <h2>All Players</h2>

      <ul>

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

          <li key={index}>{player.name}: {player.score}</li>

        ))}

      </ul>

      <h2>Players with score below 70</h2>

      <ul>

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

          <li key={index}>{player.name}: {player.score}</li>

        ))}

      </ul>

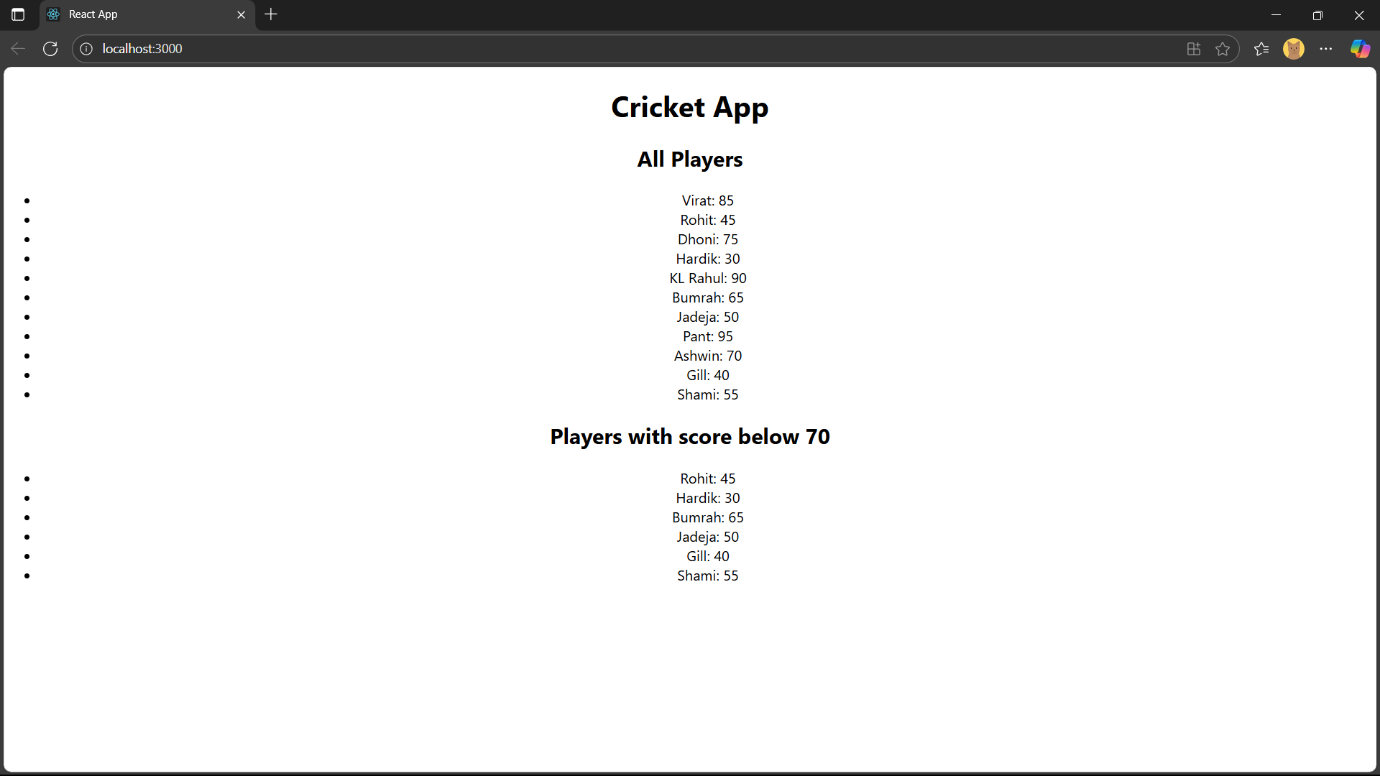
    </div>

  );

};

export default ListOfPlayers;

**OUTPUT:**

****

