**React Task 9**

**Procedure :**

Create a React Application named “cricketapp” with the following components:

1. ListofPlayers - Declare an array with 11 players and store details of their names and scores using the map feature of ES6 . Filter the players with scores below 70 using arrow functions of ES6.
2. IndianPlayers - Display the Odd Team Player and Even Team players using the Destructuring features of ES6 . Declare two arrays T20players and RanjiTrophy players and merge the two arrays and display them using the Merge feature of ES6.Display these two components in the same home page using a simple if else in the flag variable.

Then the code would be :

**App.js :**

import React from 'react';

import ListOfPlayers from './ListOfPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

  const flag = false;

  return (

    <div className="App">

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

    </div>

  );

}

export default App;

**IndianPlayers.js :**

import React from 'react';

const IndianPlayers = () => {

  const team = ["Sachin", "Dhoni", "Virat", "Rohit", "Yuvaraj", "Raina"];

  const [first, second, third, fourth, fifth, sixth] = team;

  const T20players = [

    "Mr. First Player",

    "Mr. Second Player",

    "Mr. Third Player"

  ];

  const RanjiTrophyPlayers = [

    "Mr. Fourth Player",

    "Mr. Fifth Player",

    "Mr. Sixth Player"

  ];

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

  return (

    <div>

      <h1>Odd Players</h1>

      <p>First : {first}1</p>

      <p>Third : {third}3</p>

      <p>Fifth : {fifth}5</p>

      <hr />

      <h1>Even Players</h1>

      <p>Second : {second}2</p>

      <p>Fourth : {fourth}4</p>

      <p>Sixth : {sixth}6</p>

      <hr />

      <h1>List of Indian Players Merged:</h1>

      <ul>

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

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

        ))}

      </ul>

    </div>

  );

};

export default IndianPlayers;

**ListOfPlayers.js :**

import React from 'react';

const ListOfPlayers = () => {

  const players = [

    { name: "Mr. Jack", score: 50 },

    { name: "Mr. Michael", score: 70 },

    { name: "Mr. John", score: 40 },

    { name: "Mr. Ann", score: 61 },

    { name: "Mr. Elisabeth", score: 61 },

    { name: "Mr. Sachin", score: 95 },

    { name: "Mr. Dhoni", score: 100 },

    { name: "Mr. Virat", score: 84 },

    { name: "Mr. Jadeja", score: 64 },

    { name: "Mr. Raina", score: 75 },

    { name: "Mr. Rohit", score: 80 },

  ];

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

  return (

    <div>

      <h1>List of Players</h1>

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

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

      ))}

      <hr />

      <h2>List of Players having Scores Less than 70</h2>

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

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

      ))}

    </div>

  );

};

export default ListOfPlayers;

**Output :**





