**Create a React Application named “cricketapp”.**

**Steps:**

1. **Create a React App**

npx create-react-app cricketapp

cd cricketapp

code .

1. **Create ListofPlayers.js in src/ Folder**

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

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

));

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

.map((player, index) => (

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

));

return (

<div>

<h2>List of Players</h2>

<ul>{allPlayers}</ul>

<hr />

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

<ul>{lowScorers}</ul>

</div>

);

};

export default ListofPlayers;

1. **Create IndianPlayers.js in src/ Folder**

import React from 'react';

const IndianPlayers = () => {

const oddPlayers = ['Sachin1', 'Virat3', 'Yuvaraj5'];

const evenPlayers = ['Dhoni2', 'Rohit4', 'Raina6'];

const [firstOdd, secondOdd, thirdOdd] = oddPlayers;

const [firstEven, secondEven, thirdEven] = evenPlayers;

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>

<h2>Odd Players</h2>

<p>First : {firstOdd}</p>

<p>Third : {secondOdd}</p>

<p>Fifth : {thirdOdd}</p>

<hr />

<h2>Even Players</h2>

<p>Second : {firstEven}</p>

<p>Fourth : {secondEven}</p>

<p>Sixth : {thirdEven}</p>

<hr />

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

<ul>

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

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

))}

</ul>

</div>

);

};

export default IndianPlayers;

1. **Modify App.js to Toggle Between Components**

import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

const flag = true; // Change to false to toggle output

return (

<div className="App">

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

</div>

);

}

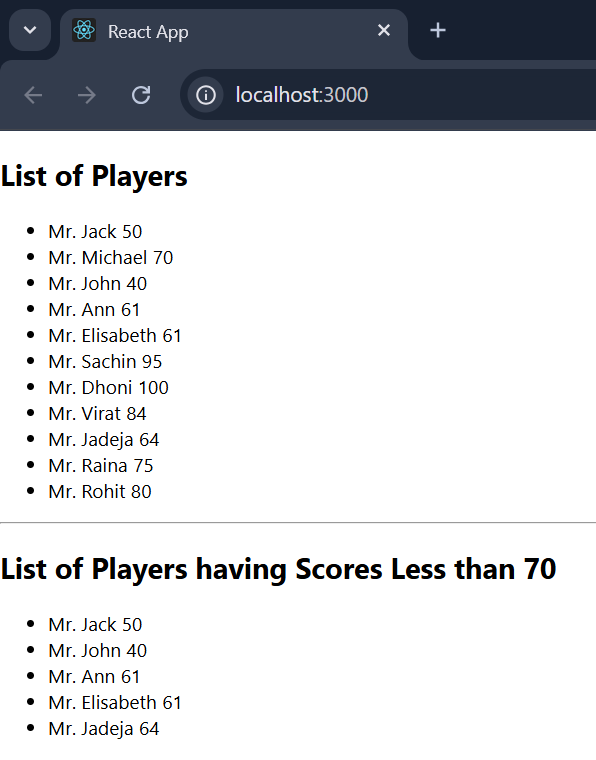
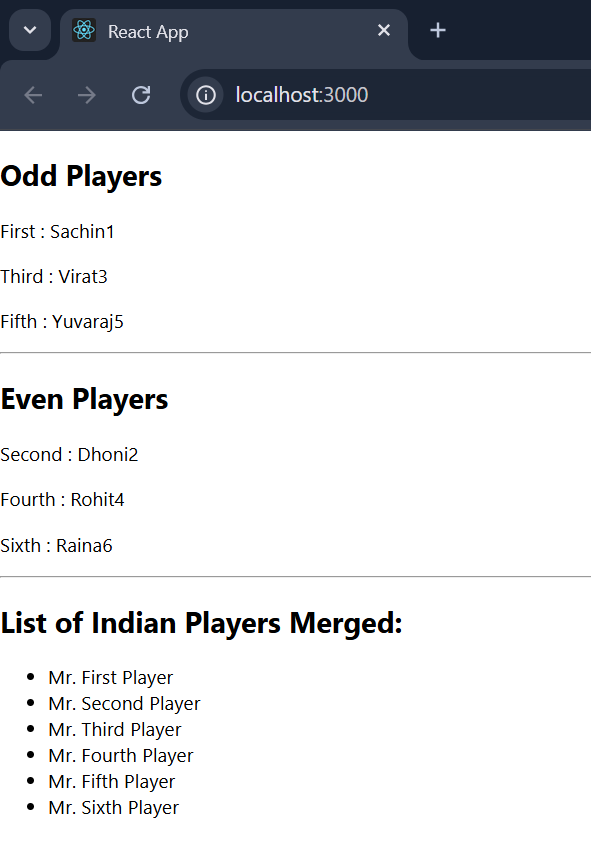
export default App;

1. **Run the Application**

npm start

**Output:**

**When flag=True When flag=False**

** **