Week 7

Title: 9 - React Hands-on Lab - cricketapp

src/components/ListofPlayers.js

```
import React from "react";

function ListofPlayers({ players }) {
 return (
   <ul>
    {players.map((item, index) => (
     <li key={index}>
       Mr. {item.name} <span> {item.score} </span>
     </li>
    ))}
   </ul>
 );
}

export default ListofPlayers;
```

src/components/Scorebelow70.js

```
import React from "react";

function Scorebelow70({ players }) {
 return (
   <ul>
    {players
     .filter((item) => item.score < 70)
     .map((item, index) => (
       <li key={index}>
         Mr. {item.name} <span> {item.score} </span>
       </li>
     ))}
   </ul>
 );
}

export default Scorebelow70;
```

src/components/OddPlayers.js

```jsx
import React from "react";

function OddPlayers({ team }) {
  return (
    <ul>
      {team
        .filter((item, index) => index % 2 === 0)
        .map((item, index) => (
          <li key={index}>{item}</li>
        ))}
    </ul>
  );
}

export default OddPlayers;
```

src/components/EvenPlayers.js

```jsx
import React from "react";

function EvenPlayers({ team }) {
  return (
    <ul>
      {team
        .filter((item, index) => index % 2 !== 0)
        .map((item, index) => (
          <li key={index}>{item}</li>
        ))}
    </ul>
  );
}

export default EvenPlayers;
```

src/components/ListofIndianPlayers.js

```jsx
import React from "react";

function ListofIndianPlayers({ IndianPlayers }) {
  return (
    <ul>
      {IndianPlayers.map((item, index) => (
        <li key={index}>Mr. {item}</li>
      ))}
```

```
    </ul>
  );
}

export default ListofIndianPlayers;
```

src/App.js

```
import React from "react";
import ListofPlayers from "./components/ListofPlayers";
import Scorebelow70 from "./components/Scorebelow70";
import OddPlayers from "./components/OddPlayers";
import EvenPlayers from "./components/EvenPlayers";
import ListofIndianPlayers from "./components/ListofIndianPlayers";

function App() {
  const flag = true;

  const players = [
    { name: "Sachin", score: 90 },
    { name: "Dhoni", score: 85 },
    { name: "Virat", score: 60 },
    { name: "Rohit", score: 50 },
    { name: "Yuvaraj", score: 72 },
    { name: "Raina", score: 40 },
    { name: "Sehwag", score: 77 },
    { name: "Dravid", score: 45 },
    { name: "Kohli", score: 93 },
    { name: "Shami", score: 35 },
    { name: "Ashwin", score: 88 }
  ];

  const IndianTeam = ["Sachin1", "Dhoni2", "Virat3", "Rohit4", "Yuvaraj5", "Raina6"];
  const IndianPlayers = [
    "First Player",
    "Second Player",
    "Third Player",
    "Fourth Player",
    "Fifth Player",
    "Sixth Player"
  ];

  if (flag === true) {
    return (
      <div>
```

```
          <h1>List of Players</h1>
          <ListofPlayers players={players} />
          <hr />
          <h1>List of Players having Scores Less than 70</h1>
          <Scorebelow70 players={players} />
        </div>
    );
  } else {
    return (
      <div>
        <div>
          <h1>Indian Team</h1>
          <h1>Odd Players</h1>
          <OddPlayers team={IndianTeam} />
          <hr />
          <h1>Even Players</h1>
          <EvenPlayers team={IndianTeam} />
        </div>
        <hr />
        <div>
          <h1>List of Indian Players Merged:</h1>
          <ListofIndianPlayers IndianPlayers={IndianPlayers} />
        </div>
      </div>
    );
  }
}

export default App;
```

src/index.js

```
import React from "react";
import ReactDOM from "react-dom/client";
import App from "./App";

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(<App />);
```

Output when flag = true

List of Players

- Mr. Sachin (95)
- Mr. Dhoni (65)
- Mr. Virat (98)
- Mr. Rohit (55)
- Mr. Yuvaraj (88)
- Mr. Raina (60)

List of Players having Scores Less than 70

- Dhoni - 65
- Rohit - 55
- Raina - 60

Output when flag = false

Indian Team

Odd Players

- First: Sachin1
- Third: Virat3
- Fifth: Yuvaraj5

Even Players

- Second: Dhoni2
- Fourth: Rohit4
- Sixth: Raina6

List of Indian Players Merged:

- Mr. First Player
- Mr. Second Player
- Mr. Third Player
- Mr. Fourth Player
- Mr. Fifth Player
- Mr. Sixth Player