13. ReactJS-HOL

Code:

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; // change to false to test second output

  const players = [

    { name: 'Sachin', score: 95 },

    { name: 'Dhoni', score: 65 },

    { name: 'Virat', score: 98 },

    { name: 'Rohit', score: 55 },

    { name: 'Yuvaraj', score: 88 },

    { name: 'Raina', score: 60 },

  ];

  const IndianTeam = players;

  const IndianPlayers = [

    'Mr. First Player',

    'Mr. Second Player',

    'Mr. Third Player',

    'Mr. Fourth Player',

    'Mr. Fifth Player',

    'Mr. Sixth Player',

  ];

  return (

   <div>

     {flag ? (

       <>

       <h1>List of Players</h1>
```

```jsx
        <ListofPlayers players={players} />

        <hr />

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

        <Scorebelow70 players={players} />

      </>

    ) : (

      <>

        <div>

          <h1>Indian Team</h1>

          <h1>Odd Players</h1>

          <OddPlayers players={IndianTeam} />

          <hr />

          <h1>Even Players</h1>

          <EvenPlayers players={IndianTeam} />

        </div>

        <hr />

        <div>

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

          <ListofIndianPlayers players={IndianPlayers} />

        </div>

      </>

    )}

  </div>

);

}

export default App;
```

ListOfPlayers.js:

```jsx
import React from 'react';


function ListofPlayers({ players }) {

  return (

    <ul>

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

```jsx
      <li key={index}>
        Mr. {player.name} <span>({player.score})</span>
      </li>
    ))}
  </ul>
  );
}
export default ListofPlayers;
```

OddPlayers.js:

```jsx
import React from 'react';


function OddPlayers({ players }) {
  return (
    <ul>
      <li>First: {players[0].name}1</li>
      <li>Third: {players[2].name}3</li>
      <li>Fifth: {players[4].name}5</li>
    </ul>
  );
}
export default OddPlayers;
```

EvenPlayers.js

```jsx
import React from 'react';


function EvenPlayers({ players }) {
  return (
    <ul>
      <li>Second: {players[1].name}2</li>
      <li>Fourth: {players[3].name}4</li>
      <li>Sixth: {players[5].name}6</li>
    </ul>
  );
```

```
}
export default EvenPlayers;
```

ScoreBelow70.js:

```
import React from 'react';

function Scorebelow70({ players }) {
  const filtered = players.filter(player => player.score < 70);
  return (
    <ul>
      {filtered.map((player, index) => (
        <li key={index}>
          {player.name} - {player.score}
        </li>
      ))}
    </ul>
  );
}
export default Scorebelow70;
```

ListOfIndianPlayers.js:

```
import React from 'react';

function ListofIndianPlayers({ players }) {
  return (
    <ul>
      {players.map((player, index) => (
        <li key={index}>{player}</li>
      ))}
    </ul>
  );
}
export default ListofIndianPlayers;
```

Output:

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