9. 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';

import playerData from './data/players.json';

const App = () => {

  const flag = true;

  const players = playerData.players;

  // Destructuring two arrays and merging

  const T20players = ['Virat', 'Rohit', 'Bumrah'];

  const RanjiPlayers = ['Pujara', 'Rahane', 'Saha'];

  const IndianTeam = [...T20players, ...RanjiPlayers];

  const IndianPlayers = [...T20players, ...RanjiPlayers]; // Merged using ES6 spread

  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;

**EvenPlayers.js**

import React from "react";

const EvenPlayers = ({ IndianTeam }) => {

  return (

    <ul>

      {IndianTeam

        .filter((\_, index) => index % 2 === 0)

        .map((player, index) => (

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

        ))}

    </ul>

  );

};

export default EvenPlayers;

**ListofIndianPlayers.js**

import React from "react";

const ListofIndianPlayers = ({ IndianPlayers }) => {

  return (

    <ul>

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

        <li key={index}>{player}</li>

      ))}

    </ul>

  );

};

export default ListofIndianPlayers;

ListofPlayers.js

import React from 'react';

const ListofPlayers = ({ players }) => {

  return (

    <ul>

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

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

      ))}

    </ul>

  );

};

export default ListofPlayers;

**OddPlayers.js**

import React from 'react';

const OddPlayers = ({ team }) => {

  return (

    <ul>

      {team.filter((\_, i) => i % 2 !== 0).map((player, index) => (

        <li key={index}>{player}</li>

      ))}

    </ul>

  );

};

export default OddPlayers;

Scorebelow70.js

import React from "react";

const Scorebelow70 = ({ players }) => {

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

  return (

    <ul>

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

        <li key={index}>

          {player.name} - Score: {player.score}

        </li>

      ))}

    </ul>

  );

};

export default Scorebelow70;

players.json

{

  "players": [

    { "name": "Virat Kohli", "score": 85 },

    { "name": "Rohit Sharma", "score": 65 },

    { "name": "Shubman Gill", "score": 95 },

    { "name": "Hardik Pandya", "score": 40 },

    { "name": "Ravindra Jadeja", "score": 78 },

    { "name": "KL Rahul", "score": 30 },

    { "name": "Shreyas Iyer", "score": 90 },

    { "name": "Rishabh Pant", "score": 62 },

    { "name": "Mohammed Shami", "score": 15 },

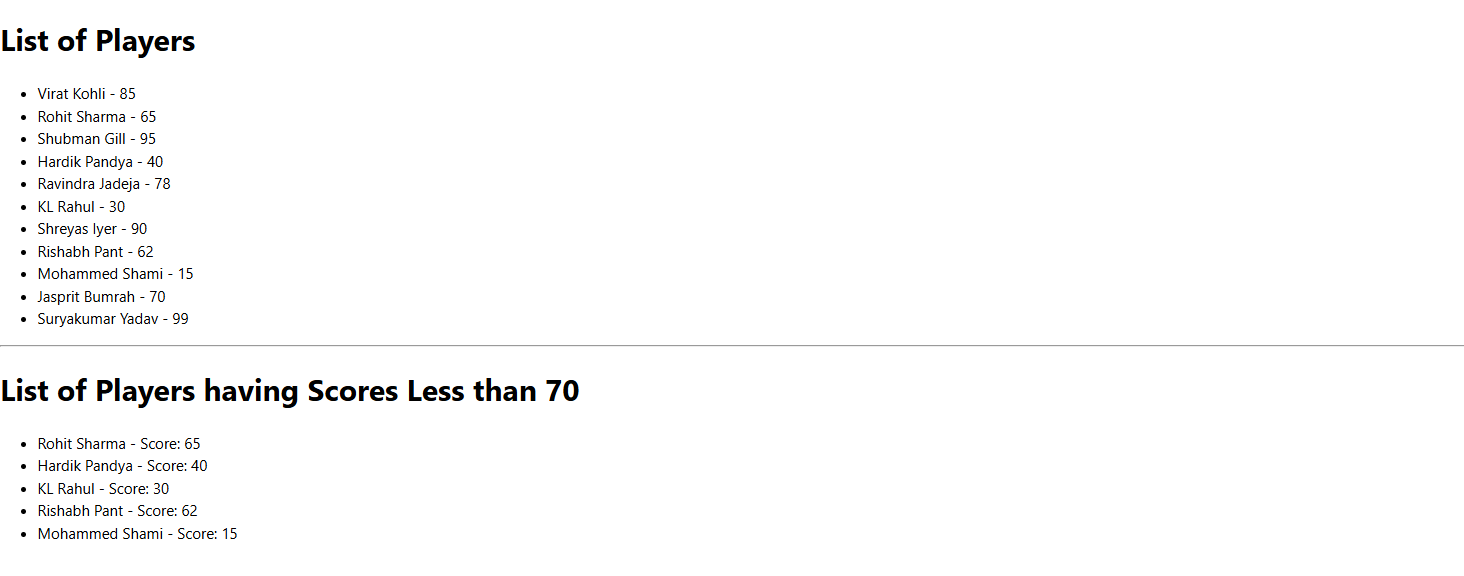
    { "name": "Jasprit Bumrah", "score": 70 },

    { "name": "Suryakumar Yadav", "score": 99 }

  ]

}

Output:



A white background with black text

AI-generated content may be incorrect.