9.ReactJS-HOL:

ListOfPlayers.js:

import React from 'react';

const ListofPlayers = () => {

  const players = [

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

    { name: "Rohit Sharma", score: 45 },

    { name: "KL Rahul", score: 90 },

    { name: "Shikhar Dhawan", score: 67 },

    { name: "Rishabh Pant", score: 50 },

    { name: "Hardik Pandya", score: 75 },

    { name: "Ravindra Jadeja", score: 68 },

    { name: "Bhuvneshwar Kumar", score: 30 },

    { name: "Jasprit Bumrah", score: 55 },

    { name: "Yuzvendra Chahal", score: 42 },

    { name: "Mohammed Shami", score: 80 }

  ];

  return (

    <div>

      <h2>All Players</h2>

      {players.map((p, index) => (

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

      ))}

      <h2>Players with Score ≥ 70</h2>

      {players.filter(p => p.score >= 70).map((p, index) => (

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

      ))}

    </div>

  );

};

export default ListofPlayers;

IndianPlayers.js:

import React from 'react';

const IndianPlayers = () => {

  const players = [

    "Virat Kohli", "Rohit Sharma", "KL Rahul", "Shikhar Dhawan",

    "Rishabh Pant", "Hardik Pandya", "Ravindra Jadeja", "Bhuvneshwar Kumar"

  ];

  // Destructuring

  const oddPlayers = players.filter((\_, index) => index % 2 !== 0);

  const evenPlayers = players.filter((\_, index) => index % 2 === 0);

  // Merge feature of ES6

  const T20Players = ["Virat Kohli", "Rohit Sharma"];

  const RanjiTrophyPlayers = ["Cheteshwar Pujara", "Ajinkya Rahane"];

  const mergedPlayers = [...T20Players, ...RanjiTrophyPlayers];

  return (

    <div>

      <h2>Odd Team Players</h2>

      {oddPlayers.map((p, index) => <p key={index}>{p}</p>)}

      <h2>Even Team Players</h2>

      {evenPlayers.map((p, index) => <p key={index}>{p}</p>)}

      <h2>Merged Players List</h2>

      {mergedPlayers.map((p, index) => <p key={index}>{p}</p>)}

    </div>

  );

};

export default IndianPlayers;

App.js:

import React from 'react';

import ListofPlayers from './ListOfPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

  const flag = true;

  return (

    <div className="App">

      <h1>Cricket App</h1>

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

    </div>

  );

}

export default App;

Output:

When flag==true:

A screenshot of a computer

AI-generated content may be incorrect.

When flag==false:

A screenshot of a computer

AI-generated content may be incorrect.