**CricketApp**

**Codes:**

**IndianPlayers.js :**

import React from "react";

const players = [

  "Rohit Sharma",

  "Shikhar Dhawan",

  "Virat Kohli",

  "KL Rahul",

  "Hardik Pandya",

  "Jasprit Bumrah",

  "Ravindra Jadeja",

  "Mohammed Shami",

  "Cheteshwar Pujara",

  "Ajinkya Rahane",

  "Rishabh Pant"

];

const T20players = ["KL Rahul", "Hardik Pandya", "Jasprit Bumrah"];

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

const IndianPlayers = () => {

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

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

  const [firstPlayer, secondPlayer, ...restPlayers] = players;

  const mergedPlayers = [...T20players, ...RanjiTrophyPlayers];

  return (

    <div>

      <h2>Indian Players</h2>

      <h3>Odd Team Players:</h3>

      <p>{oddPlayers.join(", ")}</p>

      <h3>Even Team Players:</h3>

      <p>{evenPlayers.join(", ")}</p>

      <h4>Destructuring Example:</h4>

      <p>First Player: {firstPlayer}</p>

      <p>Second Player: {secondPlayer}</p>

      <p>Remaining Players: {restPlayers.join(", ")}</p>

      <h4>Merged T20 and Ranji Trophy Players:</h4>

      <p>{mergedPlayers.join(", ")}</p>

    </div>

  );

};

export default IndianPlayers;

**ListOfPlayers.js :**

import React from "react";

const players = [

  { name: "Sachin Tendulkar", score: 90 },

  { name: "MS Dhoni", score: 65 },

  { name: "Virat Kohli", score: 84 },

  { name: "Rohit Sharma", score: 72 },

  { name: "Jasprit Bumrah", score: 45 },

  { name: "Hardik Pandya", score: 55 },

  { name: "KL Rahul", score: 68 },

  { name: "Shikhar Dhawan", score: 75 },

  { name: "Ravindra Jadeja", score: 80 },

  { name: "Yuzvendra Chahal", score: 33 },

  { name: "Bhuvneshwar Kumar", score: 50 }

];

const ListofPlayers = () => {

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

  return (

    <div>

      <h2>List of Players</h2>

      {players.map((player)=>(

        <div key={player.name} style={{ marginBottom: "8px" }}>

           <strong>{player.name}</strong>: {player.score}

        </div>

      ))}

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

      {filteredPlayers.map((player) => (

        <div key={player.name} style={{ marginBottom: "8px" }}>

          <strong>{player.name}</strong>: {player.score}

        </div>

      ))}

    </div>

  );

};

export default ListofPlayers;

**App.js :**

import React, { useState } from "react";

import ListofPlayers from "./Componemts/ListOfPlayers";

import IndianPlayers from "./Componemts/IndianPlayers";

function App() {

  const [flag, setFlag] = useState(true);

  return (

    <div style={{ padding: "20px", fontFamily: "Arial" }}>

      <button onClick={() => setFlag((prev) => !prev)} style={{marginBottom: "20px"}}>

        Toggle Flag (Currently: {flag ? "ListOfPlayers" : "IndianPlayers"})

      </button>

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

    </div>

  );

}

export default App;

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