// src/IndianPlayers.js

import React from 'react';

function IndianPlayers() {

  const oddPlayers = ['Sachin1', 'Virat3', 'Yuvaraj5'];

  const evenPlayers = ['Dhoni2', 'Rohit4', 'Raina6'];

  // Destructuring arrays

  const [first, , third] = oddPlayers;

  const [, second, ,] = ['ignored', ...evenPlayers];

  // Merging arrays

  const T20players = ['Mr. First Player', 'Mr. Second Player', 'Mr. Third Player'];

  const RanjiPlayers = ['Mr. Fourth Player', 'Mr. Fifth Player', 'Mr. Sixth Player'];

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

  return (

    <div>

      <h2>Odd Players</h2>

      {oddPlayers.map((p, i) => (

        <p key={i}>

          {i === 0 && `First: ${p}`}

          {i === 1 && `Third: ${p}`}

          {i === 2 && `Fifth: ${p}`}

        </p>

      ))}

      <h2>Even Players</h2>

      {evenPlayers.map((p, i) => (

        <p key={i}>

          {i === 0 && `Second: ${p}`}

          {i === 1 && `Fourth: ${p}`}

          {i === 2 && `Sixth: ${p}`}

        </p>

      ))}

      <h3>List of Indian Players Merged:</h3>

      {allPlayers.map((p, i) => (

        <p key={i}>{p}</p>

      ))}

    </div>

  );

}

export default IndianPlayers;

// src/ListofPlayers.js

import React from 'react';

function ListofPlayers() {

  const players = [

    { name: 'Mr. Jack', score: 50 },

    { name: 'Mr. Michael', score: 70 },

    { name: 'Mr. John', score: 40 },

    { name: 'Mr. Ann', score: 61 },

    { name: 'Mr. Elisabeth', score: 61 },

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

    { name: 'Mr. Dhoni', score: 100 },

    { name: 'Mr. Virat', score: 84 },

    { name: 'Mr. Jadeja', score: 64 },

    { name: 'Mr. Raina', score: 75 },

    { name: 'Mr. Rohit', score: 80 },

  ];

  // Using arrow function to filter

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

  return (

    <div>

      <h2>List of Players</h2>

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

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

      ))}

      <h3>List of Players having Scores Less than 70</h3>

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

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

      ))}

    </div>

  );

}

export default ListofPlayers;

import React, { useState } from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

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

  return (

    <div className="App">

      <h1>Cricket App</h1>

      <button onClick={() => setFlag(!flag)}>

        Show {flag ? 'Indian Players' : 'List of Players'}

      </button>

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

    </div>

  );

}

export default App;



