TASK 2:

CODE:

// src/components/IndianPlayers.js

import React from 'react';

const IndianPlayers = () => {

  const players = ['Virat', 'Rohit', 'Dhoni', 'Kohli', 'Pant', 'Ashwin'];

  // Destructure odd and even team players

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

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

  // Declare two arrays and merge

  const T20players = ['Suryakumar', 'Hardik', 'Arshdeep'];

  const RanjiTrophyPlayers = ['Pujara', 'Rahane', 'Shaw'];

  // Merge using spread operator (ES6)

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

  return (

    <div>

      <h2>Odd Team Players</h2>

      <ul>

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

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

        ))}

      </ul>

      <h2>Even Team Players</h2>

      <ul>

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

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

        ))}

      </ul>

      <h2>All Players (Merged T20 + Ranji Trophy)</h2>

      <ul>

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

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

        ))}

      </ul>

    </div>

  );

};

export default IndianPlayers;

// src/components/ListofPlayers.js

import React from 'react';

const ListofPlayers = () => {

  const players = [

    { name: 'Virat', score: 85 },

    { name: 'Rohit', score: 90 },

    { name: 'Dhoni', score: 65 },

    { name: 'Kohli', score: 45 },

    { name: 'Pant', score: 78 },

    { name: 'Ashwin', score: 70 },

    { name: 'Jadeja', score: 60 },

    { name: 'Rahul', score: 82 },

    { name: 'Bumrah', score: 50 },

    { name: 'Shami', score: 40 },

    { name: 'Siraj', score: 88 },

  ];

  // ES6 Map to list all players

  const playerList = players.map((player, index) => (

    <li key={index}>

      {player.name} - {player.score}

    </li>

  ));

  // ES6 Arrow + Filter: players with score < 70

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

  return (

    <div>

      <h2>All Players</h2>

      <ul>{playerList}</ul>

      <h3>Players with score below 70</h3>

      <ul>

        {lowScorers.map((p, i) => (

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

        ))}

      </ul>

    </div>

  );

};

export default ListofPlayers;

// src/App.js

import React from 'react';

import ListofPlayers from './components/ListofPlayers';

import IndianPlayers from './components/IndianPlayers';

function App() {

  const flag = true; // Toggle this to false to see IndianPlayers instead

  return (

    <div className="App">

      <h1>🏏 Cricket App Dashboard</h1>

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

    </div>

  );

}

export default App;

OUTPUT:

