# Creating a React Application named “cricketapp” with the following components:

[*App.js*](http://app.js)*:*

import React, {useState} from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

import './App.css';

function App() {

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

return (

<div className="App">

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

Toggle Component ({flag ? "ListofPlayers" : "IndianPlayers"})

</button>

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

</div>

);

}

export default App;

[*IndianPlayers.js*](http://indianplayers.js)*:*

import React from 'react';

const IndianPlayers = () => {

const players = [

"Player A", "Player B", "Player C", "Player D", "Player E",

"Player F", "Player G", "Player H", "Player I", "Player J"

];

const [player1, player2, player3, player4, player5, player6, player7, player8, player9, player10] = players;

const oddTeamPlayers = [player1, player3, player5, player7, player9];

const evenTeamPlayers = [player2, player4, player6, player8, player10];

const T20players = ["T20 Player 1", "T20 Player 2", "T20 Player 3"];

const RanjiTrophyPlayers = ["Ranji Player 1", "Ranji Player 2", "Ranji Player 3"];

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

return (

<div>

<h2>Indian Team Players</h2>

<h3>Odd Team Players</h3>

<ul>

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

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

))}

</ul>

<h3>Even Team Players</h3>

<ul>

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

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

))}

</ul>

<h3>Merged Players (T20 + Ranji)</h3>

<ul>

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

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

))}

</ul>

</div>

);

};

export default IndianPlayers;

[*ListOfPlayers.js*](http://listofplayers.js)*:*

import React from 'react';

const ListofPlayers = () => {

const players = [

{ name: "Player 1", score: 85 },

{ name: "Player 2", score: 62 },

{ name: "Player 3", score: 91 },

{ name: "Player 4", score: 45 },

{ name: "Player 5", score: 78 },

{ name: "Player 6", score: 53 },

{ name: "Player 7", score: 89 },

{ name: "Player 8", score: 67 },

{ name: "Player 9", score: 72 },

{ name: "Player 10", score: 58 },

{ name: "Player 11", score: 95 }

];

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

return (

<div>

<h2>All Players</h2>

<ul>

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

<li key={index}>

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

</li>

))}

</ul>

<h2>Players with Scores Below 70</h2>

<ul>

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

<li key={index}>

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

</li>

))}

</ul>

</div>

);

};

export default ListofPlayers;

OUTPUT:

# 

# 