**CODE**

**public/index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<meta name="theme-color" content="#000000" />

<meta

name="description"

content="Web site created using create-react-app"

/>

<link rel="apple-touch-icon" href="%PUBLIC\_URL%/logo192.png" />

<!--

manifest.json provides metadata used when your web app is installed on a

user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/

-->

<link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

<!--

Notice the use of %PUBLIC\_URL% in the tags above.

It will be replaced with the URL of the `public` folder during the build.

Only files inside the `public` folder can be referenced from the HTML.

Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will

work correctly both with client-side routing and a non-root public URL.

Learn how to configure a non-root public URL by running `npm run build`.

-->

<title>React App</title>

</head>

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root"></div>

<!--

This HTML file is a template.

If you open it directly in the browser, you will see an empty page.

You can add webfonts, meta tags, or analytics to this file.

The build step will place the bundled scripts into the <body> tag.

To begin the development, run `npm start` or `yarn start`.

To create a production bundle, use `npm run build` or `yarn build`.

-->

</body>

</html>

**src/index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

<React.StrictMode>

<App />

</React.StrictMode>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();

**src/App.js**

import React from 'react';

import ListofPlayers from './ListofPlayers';

import Scorebelow70 from './Scorebelow70';

import OddPlayers from './OddPlayers';

import EvenPlayers from './EvenPlayers';

import ListofIndianPlayers from './ListofIndianPlayers';

function App() {

// Set this flag to true or false to switch between views

const flag = false;

// Data for players

const players = [

{ name: 'Jack', score: 50 },

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

{ name: 'John', score: 40 },

{ name: 'Ann', score: 61 },

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

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

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

{ name: 'Virat', score: 84 },

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

{ name: 'Raina', score: 75 },

{ name: 'Rohit', score: 80 }

];

const IndianTeam = ['Sachin1', 'Dhoni2', 'Virat3', 'Rohit4', 'Yuvraj5', 'Raina6'];

const T20Players = ['First Player', 'Second Player', 'Third Player'];

const RanjiTrophyPlayers = ['Fourth Player', 'Fifth Player', 'Sixth Player'];

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

if (flag) {

return (

<div>

<h1>List of Players</h1>

<ListofPlayers players={players} />

<hr />

<h1>List of Players having Scores Less than 70</h1>

<Scorebelow70 players={players} />

</div>

);

} else {

return (

<div>

<h1>Indian Team</h1>

<hr />

<h1>Odd Players</h1>

<OddPlayers players={IndianTeam} />

<hr />

<h1>Even Players</h1>

<EvenPlayers players={IndianTeam} />

<hr />

<h1>List of Indian Players Merged:</h1>

<ListofIndianPlayers players={IndianPlayersList} />

</div>

);

}

}

export default App;

**src/ListofPlayers.js**

import React from 'react';

function ListofPlayers({ players }) {

return (

<div>

<ul>

{players.map((item) => (

<li key={item.name}>Mr. {item.name} | <span>{item.score}</span></li>

))}

</ul>

</div>

);

}

export default ListofPlayers;

**src/Scorebelow70.js**

import React from 'react';

function Scorebelow70({ players }) {

const players70 = players.filter(item => item.score <= 70);

return (

<div>

<ul>

{players70.map((item) => (

<li key={item.name}>Mr. {item.name}</li>

))}

</ul>

</div>

);

}

export default Scorebelow70;

**src/OddPlayers.js**

import React from 'react';

export function OddPlayers({ players }) {

const [first, , third, , fifth] = players;

return (

<div>

<ul>

<li>First: {first}</li>

<li>Third: {third}</li>

<li>Fifth: {fifth}</li>

</ul>

</div>

);

}

export default OddPlayers;

**src/EvenPlayers.js**

import React from 'react';

function EvenPlayers({ players }) {

const [, second, , fourth, , sixth] = players;

return (

<div>

<ul>

<li>Second: {second}</li>

<li>Fourth: {fourth}</li>

<li>Sixth: {sixth}</li>

</ul>

</div>

);

}

export default EvenPlayers;

**src/ListofIndianPlayers.js**

import React from 'react';

function ListofIndianPlayers({ players }) {

return (

<div>

<ul>

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

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

))}

</ul>

</div>

);

}

export default ListofIndianPlayers;

**OUTPUT**

