

## WEEK 6 - 9) REACT JS - HANDS ON EXERCISES

### 1) Create a React Application named “cricketapp”

**ListofPlayers :** Declare an array with 11 players and store details of their names and scores using the map feature of ES6

[Listofplayers.js](#)

```
import React from 'react';
const 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 },
  ];
  const filteredPlayers = players.filter(player => player.score < 70);
  return (
    <div style={{ padding: "20px" }}>
      <h2>List of Players</h2>
      <ul>
        {players.map((player, index) => (
          <li key={index}>{player.name} {player.score}</li>
        ))}
      </ul>

      <hr />

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

```

        {filteredPlayers.map((player, index) => (
          <li key={index}>{player.name} {player.score}</li>
        ))}
      </ul>
    </div>
  );
};
export default ListofPlayers;

```

**IndianPlayers :** Display the Odd Team Player and Even Team players using the Destructuring features of ES6

[IndianPlayers.js](#)

```

import React from 'react';

const IndianPlayers = () => {

  const oddPlayers = [

    "First : Sachin1",

    "Third : Virat3",

    "Fifth : Yuvraj5"

  ];

  const evenPlayers = [

    "Second : Dhoni2",

    "Fourth : Rohit4",

    "Sixth : Raina6"

  ];

  const mergedPlayers = [

    "Mr. First Player",

    "Mr. Second Player",

```

```
"Mr. Third Player",

"Mr. Fourth Player",

"Mr. Fifth Player",

"Mr. Sixth Player"

];

return (

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

  <h2>Odd Players</h2>

  <ul>

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

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

    ))}

  </ul>

  <hr />

  <h2>Even Players</h2>

  <ul>

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

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

    ))}

  </ul>

  <hr />

  <h2>List of Indian Players Merged:</h2>

  <ul>
```

```

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

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

        ))}

    </ul>

</div>

);

};

export default IndianPlayers;

```

## App.js

```

import React from 'react';
import ListofPlayers from './ListofPlayers';
import IndianPlayers from './IndianPlayers';

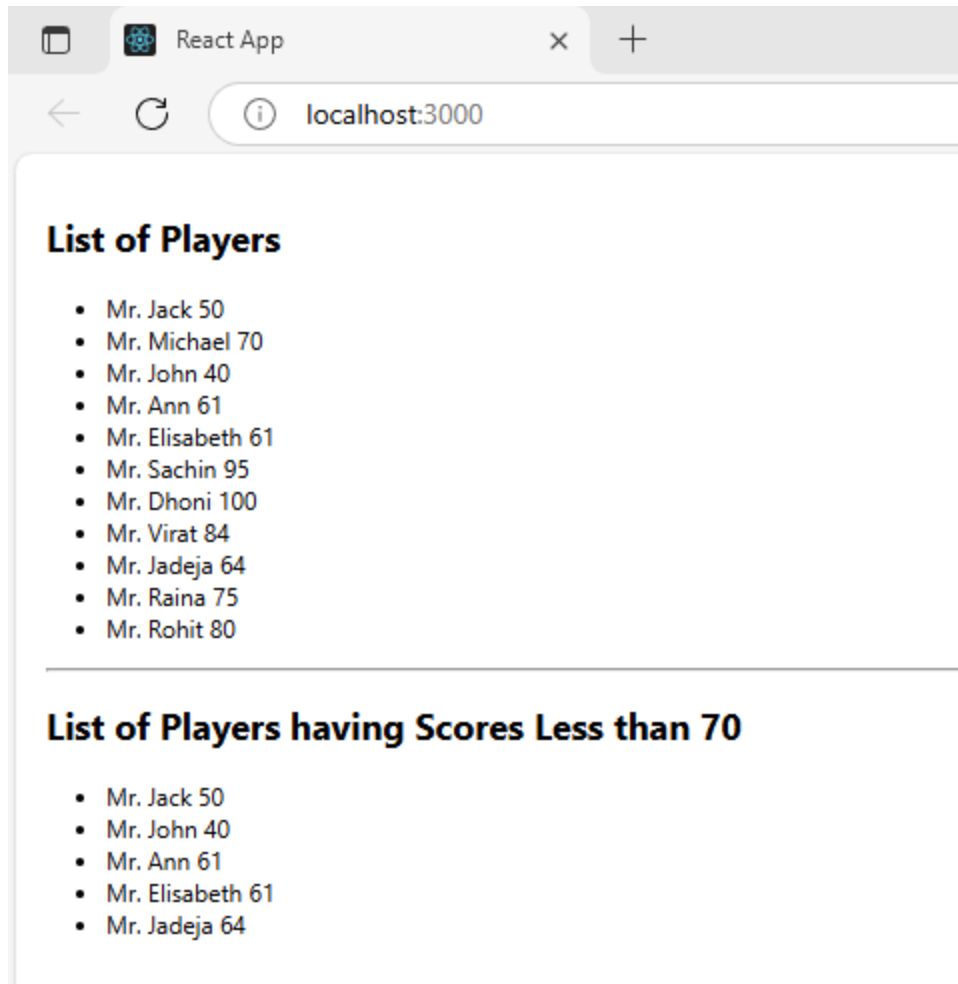
function App() {
    return (
        <div className="App">
            <ListofPlayers />
            <hr style={{ margin: "40px 0" }} />
            <IndianPlayers />
        </div>
    );
}

export default App;

```

**OUTPUT :**

**When Flag=true**



**When Flag=false**

## **Odd Players**

- First : Sachin1
  - Third : Virat3
  - Fifth : Yuvraj5
- 

## **Even Players**

- Second : Dhoni2
  - Fourth : Rohit4
  - Sixth : Raina6
- 

## **List of Indian Players Merged:**

- Mr. First Player
- Mr. Second Player
- Mr. Third Player
- Mr. Fourth Player
- Mr. Fifth Player
- Mr. Sixth Player