ReactJS- 9th HandsOn

ListofPlayers.js

```js
JS ListofPlayers.js ✕    # App.css    JS IndianPlayers.js    JS App.js

cricketapp > src > Components > JS ListofPlayers.js > [@] ListofPlayers
  1    import React from 'react';
  2
  3    const ListofPlayers = () => {
  4      const players = [
  5        { name: 'Virat Kohli', score: 85 },
  6        { name: 'Rohit Sharma', score: 65 },
  7        { name: 'Shubman Gill', score: 75 },
  8        { name: 'KL Rahul', score: 60 },
  9        { name: 'Hardik Pandya', score: 95 },
 10        { name: 'Jadeja', score: 40 },
 11        { name: 'Shami', score: 55 },
 12        { name: 'Bumrah', score: 90 },
 13      ];
 14
 15      const filteredPlayers = players.filter(player => player.score >= 70);
 16
 17      return (
 18        <div>
 19          <h2>All Players</h2>
 20          <ul>
 21            {players.map((player, index) => (
 22              <li key={index}>{player.name} - {player.score}</li>
 23            ))}
 24          </ul>
 25
 26          <h2>Players with score ≥ 70</h2>
 27          <ul>
 28            {filteredPlayers.map((player, index) => (
 29              <li key={index}>{player.name}</li>
 30            ))}
 31          </ul>
 32        </div>
 33      );
 34    };
 35
 36    export default ListofPlayers;
```

```
ListofPlayers.js    # App.css    JS IndianPlayers.js    JS App.js    ●

ricketapp > src > JS App.js > ⊘ App
1    import React from 'react';
2    import './App.css';
3    import ListofPlayers from './Components/ListofPlayers';
4    import IndianPlayers from './Components/IndianPlayers';
5
6    function App() {
7      const flag = false; //or true
8
9      return (
10       <div className="App">
11         <h1>Cricket App</h1>
12         {flag ? <ListofPlayers /> : <IndianPlayers />}
13       </div>
14     );
15   }
16
17   export default App;
18
```

IndianPlayers.js

```
import React from 'react';

const IndianPlayers = () => {
  const T20players = ['Virat', 'Rohit', 'Rahul'];
  const RanjiTrophyPlayers = ['Pujara', 'Rahane', 'Saha'];

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

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

  return (
    <div>
      <h2>Merged Players</h2>
      <ul>
        {allPlayers.map((player, i) => (
          <li key={i}>{player}</li>
```

```jsx
        ))}
      </ul>

      <h3>Odd Team Players</h3>
      <ul>
        {oddTeam.map((player, i) => <li key={i}>{player}</li>)}
      </ul>

      <h3>Even Team Players</h3>
      <ul>
        {evenTeam.map((player, i) => <li key={i}>{player}</li>)}
      </ul>
    </div>
  );
};

export default IndianPlayers;
```

OUTPUTS

Flag= true

Cricket App

All Players

- Virat Kohli - 85
- Rohit Sharma - 65
- Shubman Gill - 75
- KL Rahul - 60
- Hardik Pandya - 95
- Jadeja - 40
- Shami - 55
- Bumrah - 90
- Surya Yadav - 72
- Kuldeep Yadav - 68
- Ishan Kishan - 88

Players with score ≥ 70

- Virat Kohli
- Shubman Gill
- Hardik Pandya
- Bumrah
- Surya Yadav
- Ishan Kishan

Flag= false

Cricket App

Merged Players

- Virat
- Rohit
- Rahul
- Pujara
- Rahane
- Saha

Odd Team Players

- Rohit
- Pujara
- Saha

Even Team Players

- Virat
- Rahul
- Rahane