

ReactJS HOL9 :

Code:

1. App.js :

```
import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

import './App.css';

function App() {

  const flag = false;

  if (flag) {

    return (

      <div className="App">

        <ListofPlayers />

      </div>

    );

  } else {

    return (

      <div className="App">

        <IndianPlayers />

      </div>

    );

  }

}
```

```

    );
  }
}

export default App;

```

2. ListOfPlayers.js :

```

import React from 'react';

function ListofPlayers() {
  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 playersBelow70 = players.filter(player => player.score <= 70);

  return (
    <div>
      <h1>List of Players</h1>
      { /* Use map() to display all players */ }
      {players.map((player, index) => (
        <div key={index}>
          <li>Mr. {player.name}<span> {player.score}</span></li>

```

```

        </div>
      )}

    <hr />
    <h1>List of Players having Scores Less than 70</h1>
    { /* Map over the filtered list */
    {playersBelow70.map((player, index) => (
      <div key={index}>
        <li>Mr. {player.name}</li>
      </div>
    )}
    </div>
  );
}

export default ListofPlayers;

```

3. IndianPlayers.js :

```

import React from 'react';

function OddPlayers({ players }) {
  const [first, , third, , fifth] = players;
  return (
    <div>
      <h3>Odd Players</h3>
      <li>First: {first}</li>
      <li>Third: {third}</li>
      <li>Fifth: {fifth}</li>
    </div>
  );
}

function EvenPlayers({ players }) {
  const [, second, , fourth, , sixth] = players;
  return (
    <div>

```

```

        <h3>Even Players</h3>
        <li>Second: {second}</li>
        <li>Fourth: {fourth}</li>
        <li>Sixth: {sixth}</li>
      </div>
    );
  }

function IndianPlayers() {
  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];

  return (
    <div>
      <h1>Indian Team</h1>
      <OddPlayers players={IndianTeam} />
      <hr/>
      <EvenPlayers players={IndianTeam} />
      <hr/>
      <h1>List of Indian Players Merged:</h1>
      {IndianPlayersList.map((player, index)=>(
        <li key={index}>Mr. {player}</li>
      ))}
    </div>
  );
}

export default IndianPlayers;

```

Output:

List of Players

- Mr. Jack 50
 - Mr. Michael 70
 - Mr. John 40
 - Mr. Ann 61
 - Mr. Elisabeth 61
 - Mr. Sachin 95
 - Mr. Dhoni 100
 - Mr. Virat 84
 - Mr. Jadeja 64
 - Mr. Raina 75
 - Mr. Rohit 80
-

List of Players having Scores Less than 70

- Mr. Jack
- Mr. Michael
- Mr. John
- Mr. Ann
- Mr. Elisabeth
- Mr. Jadeja

Indian Team

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