

HANDS ON 9: REACTJS-HOL

CODE:

ListofPlayers.jsx :

```
import React from "react";
const ListofPlayers = ({ players }) => {
  return (
    <ul>
      {players.map((player, index) => (
        <li key={index}>
          {player.name} - {player.score}
        </li>
      ))}
    </ul>
  );
};
export default ListofPlayers;
```

Scorebelow70.jsx :

```
import React from "react";
const Scorebelow70 = ({ players }) => {
  const filtered = players.filter(player => player.score < 70);
  return (
    <ul>
      {filtered.map((player, index) => (
        <li key={index}>
          {player.name} - {player.score}
        </li>
      ))}
    </ul>
  );
};
export default Scorebelow70;
```

ListofIndianPlayers.jsx :

```
import React from "react";

const ListofIndianPlayers = ({ IndianPlayers }) => {
  return (
    <ul>
      {IndianPlayers.map((player, index) => (
        <li key={index}>{player}</li>
      ))}
    </ul>
  );
};
export default ListofIndianPlayers;
```

EvenPlayers.jsx :

```
import React from "react";
const EvenPlayers = ({ IndianTeam }) => {
  return (
    <ul>
      {IndianTeam.filter((_, index) => index % 2 === 0).map((player, index) => (
        <li key={index}>{player.name}</li>
      ))}
    </ul>
  );
};
export default EvenPlayers;
```

OddPlayers.jsx :

```
import React from "react";
const OddPlayers = ({ IndianTeam }) => {
  return (
    <ul>
      {IndianTeam.filter((_, index) => index % 2 !== 0).map((player, index) => (
        <li key={index}>{player.name}</li>
      ))}
    </ul>
  );
};
export default OddPlayers;
```

App.js

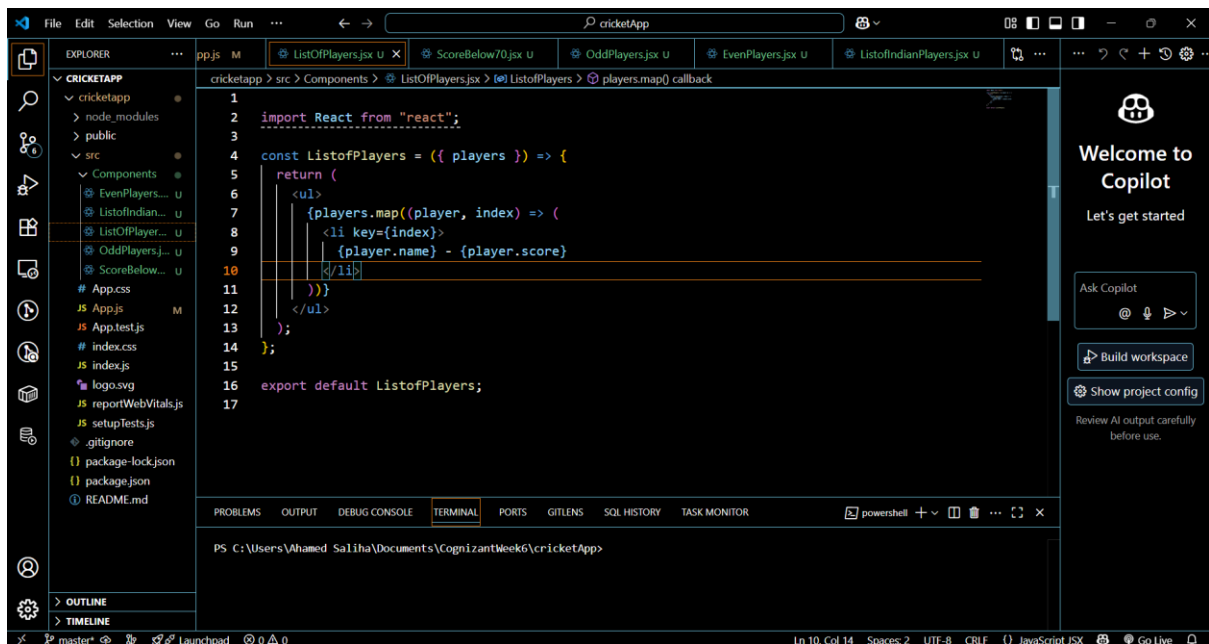
```
import React from "react";
import ListofPlayers from "./Components/ListOfPlayers";
import Scorebelow70 from "./Components/ScoreBelow70";
import OddPlayers from "./Components/OddPlayers";
import EvenPlayers from "./Components/EvenPlayers";
import ListofIndianPlayers from "./Components/ListofIndianPlayers";
const App = () => {
  const flag = true;
  const players = [
    { name: "Rohit", score: 85 },
    { name: "Virat", score: 92 },
    { name: "Gill", score: 67 },
    { name: "Ishan", score: 45 },
    { name: "Hardik", score: 73 },
    { name: "Pant", score: 66 },
    { name: "Jadeja", score: 55 },
    { name: "Ashwin", score: 78 },
    { name: "Bumrah", score: 60 },
    { name: "Shami", score: 88 },
    { name: "Siraj", score: 35 },
  ];
  const IndianTeam = [...players];
  const T20Players = ["Kohli", "Rohit", "Pant", "Hardik"];
  const RanjiPlayers = ["Pujara", "Rahane", "Saha"];
  const IndianPlayers = [...T20Players, ...RanjiPlayers]; // Merge using ES6 spread
  if (flag === true) {
    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>
        <div>
```

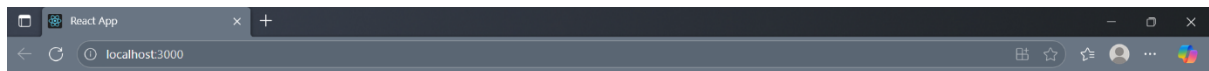
```

    <h1>Indian Team</h1>
    <h1>Odd Players</h1>
    {<OddPlayers IndianTeam={IndianTeam} />}
    <hr />
    <h1>Even Players</h1>
    {<EvenPlayers IndianTeam={IndianTeam} />}
  </div>
  <hr />
  <div>
    <h1>List of Indian Players Merged:</h1>
    <ListofIndianPlayers IndianPlayers={IndianPlayers} />
  </div>
</div>
);
}
};
export default App;

```

OUTPUT:





List of Players

- Rohit - 85
- Virat - 92
- Gill - 67
- Ishan - 45
- Hardik - 73
- Pant - 66
- Jadeja - 55
- Ashwin - 78
- Bumrah - 60
- Shami - 88
- Siraj - 35

List of Players having Scores Less than 70

- Gill - 67
- Ishan - 45
- Pant - 66
- Jadeja - 55
- Bumrah - 60
- Siraj - 35



Indian Team

Odd Players

- Virat
- Ishan
- Pant
- Ashwin
- Shami

Even Players

- Rohit
- Gill
- Hardik
- Jadeja
- Bumrah
- Siraj

List of Indian Players Merged:

- Kohli
- Rohit
- Pant
- Hardik