ReactJs Handon 9:

App.js:

```javascript
// src/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/IndianPlayers';

function App() {
  const flag = false;

  const players = [
    { name: 'Virat Kohli', score: 95 },
    { name: 'Rohit Sharma', score: 88 },
    { name: 'KL Rahul', score: 45 },
    { name: 'Hardik Pandya', score: 60 },
    { name: 'Rishabh Pant', score: 72 },
    { name: 'Shubman Gill', score: 55 },
    { name: 'Jasprit Bumrah', score: 92 },
    { name: 'Mohammed Shami', score: 68 },
    { name: 'Ravindra Jadeja', score: 85 },
    { name: 'Yuzvendra Chahal', score: 35 },
    { name: 'Suryakumar Yadav', score: 78 },
  ];

  const IndianTeam = ['Virat', 'Rahul', 'Pant', 'Gill', 'Bumrah', 'Rohit',
'Hardik', 'Shami', 'Jadeja', 'Chahal'];

  const IndianPlayers = ['Virat', 'Rohit', 'Gill', 'Pujara', 'Saha',
'Unadkat'];

  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>
```

```
            <h1>Indian Team</h1>
            <h2>Odd Players</h2>
            <OddPlayers team={IndianTeam} />
            <hr />
            <h2>Even Players</h2>
            <EvenPlayers team={IndianTeam} />
            <hr />
            <h2>List of Indian Players Merged:</h2>
            <ListofIndianPlayers IndianPlayers={IndianPlayers} />
        </div>
    );
  }
}

export default App;
```

ListofPlayers.js:

```
// src/components/ListofPlayers.js

import React from 'react';

const ListofPlayers = ({ players }) => {
  return (
    <div>
      <ul>
        {players.map((player, index) => (
          <li key={index}>
            {player.name} - {player.score}
          </li>
        ))}
      </ul>
    </div>
  );
};

export default ListofPlayers;
```

OddPlayers.js:

```
// src/components/OddPlayers.js

import React from 'react';

const OddPlayers = ({ team }) => {
```

```
    const oddPlayers = team.filter((_, index) => index % 2 === 0); // 0-based
index
  return (
    <ul>
      {oddPlayers.map((player, index) => (
        <li key={index}>{player}</li>
      ))}
    </ul>
  );
};

export default OddPlayers;
```

EvenPlayers.js:

```
// src/components/EvenPlayers.js

import React from 'react';

const EvenPlayers = ({ team }) => {
  const evenPlayers = team.filter((_, index) => index % 2 !== 0);
  return (
    <ul>
      {evenPlayers.map((player, index) => (
        <li key={index}>{player}</li>
      ))}
    </ul>
  );
};

export default EvenPlayers;
```

IndianPlayers.js

```
// src/components/ListofIndianPlayers.js

import React from 'react';

const ListofIndianPlayers = ({ IndianPlayers }) => {
  const T20 = ['Virat', 'Rohit', 'Gill'];
  const Ranji = ['Pujara', 'Saha', 'Unadkat'];
  const mergedPlayers = [...T20, ...Ranji];

  return (
    <ul>
```

```
      {mergedPlayers.map((player, index) => (
        <li key={index}>{player}</li>
      ))}
    </ul>
  );
};

export default ListofIndianPlayers;
```

ScoreBelow70:

```
// src/components/Scorebelow70.js

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;
```

Output:

>>npm start

When flag==true:

List of Players

- Virat Kohli - 95
- Rohit Sharma - 88
- KL Rahul - 45
- Hardik Pandya - 60
- Rishabh Pant - 72
- Shubman Gill - 55
- Jasprit Bumrah - 92
- Mohammed Shami - 68
- Ravindra Jadeja - 85
- Yuzvendra Chahal - 35
- Suryakumar Yadav - 78

List of Players having Scores Less than 70

- KL Rahul - 45
- Hardik Pandya - 60
- Shubman Gill - 55
- Mohammed Shami - 68
- Yuzvendra Chahal - 35

When flag==false:

Indian Team

Odd Players

- Virat
- Pant
- Bumrah
- Hardik
- Jadeja

Even Players

- Rahul
- Gill
- Rohit
- Shami
- Chahal

List of Indian Players Merged:

- Virat
- Rohit
- Gill
- Pujara
- Saha
- Unadkat