**WEEK-7**

**SINGLE PAGE APPLICATION FRAMEWORK-REACT**

**Superset ID: 6407550**

**9.ReactJS HOL**

**Component: ListofPlayers.js**

import React from 'react';

const ListofPlayers = () => {

const players = [

{ name: 'Kohli', score: 85 },

{ name: 'Dhoni', score: 92 },

{ name: 'Rohit', score: 66 },

{ name: 'Rahul', score: 45 },

{ name: 'Bumrah', score: 75 },

{ name: 'Ashwin', score: 35 },

{ name: 'Jadeja', score: 50 },

{ name: 'Pant', score: 79 },

{ name: 'Shami', score: 60 },

{ name: 'Gill', score: 58 },

{ name: 'Surya', score: 95 }

];

const below70 = players.filter(p => p.score < 70); // using arrow function

return (

<div>

<h2>All Players</h2>

{players.map((p, i) => (

<p key={i}>{p.name}: {p.score}</p>

))}

<h3>Players with Score &lt; 70</h3>

{below70.map((p, i) => (

<p key={i}>{p.name}: {p.score}</p>

))}

</div>

);

};

export default ListofPlayers;

**Component: IndianPlayers.js**

import React from 'react';

const IndianPlayers = () => {

const T20 = ['Kohli', 'Rohit', 'Pant', 'Surya'];

const Ranji = ['Rahane', 'Pujara', 'Umesh', 'Siraj'];

const allPlayers = [...T20, ...Ranji]; // Merge using ES6 spread

// Destructure to create odd and even team

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

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

return (

<div>

<h2>All Indian Players</h2>

<p>All: {allPlayers.join(', ')}</p>

<h3>Odd Team Players</h3>

<ul>

{oddTeam.map((p, i) => <li key={i}>{p}</li>)}

</ul>

<h3>Even Team Players</h3>

<ul>

{evenTeam.map((p, i) => <li key={i}>{p}</li>)}

</ul>

</div>

);

};

export default IndianPlayers;

**App.js (Main File)**

import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

const App = () => {

const flag = true; // Toggle to see different output

return (

<div>

<h1>Cricket App</h1>

{flag ? <ListofPlayers /> : <IndianPlayers />}

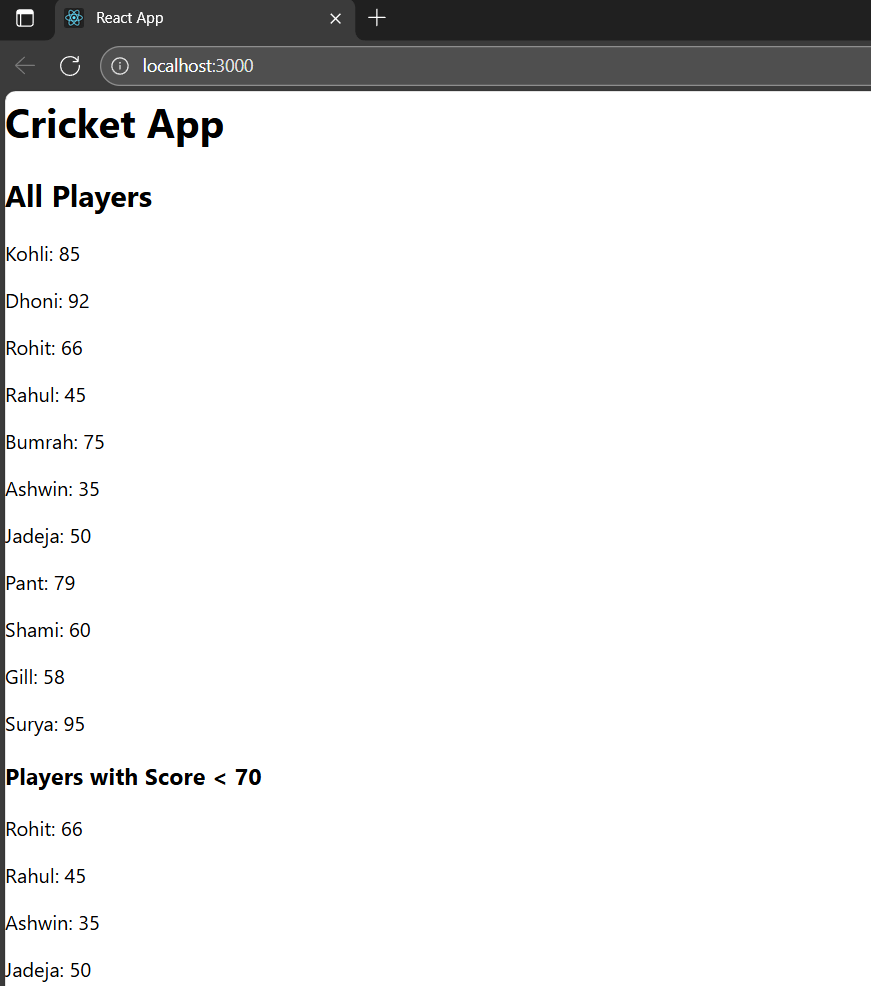
</div>

);

};

export default App;

**OUTPUT:**

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