**9. ReactJS-HOL**

**React Application named : cricketapp**

src/ListOfPlayers

import React from 'react';

const ListofPlayers = () => {

const players = [

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

{ name: 'Rohit', score: 65 },

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

{ name: 'Jadeja', score: 90 },

{ name: 'Dhoni', score: 55 },

{ name: 'Bumrah', score: 78 },

{ name: 'Ashwin', score: 67 },

{ name: 'Pant', score: 72 },

{ name: 'Kohli', score: 34 },

{ name: 'Hardik', score: 91 },

{ name: 'Gill', score: 60 }

];

const filteredPlayers = players.filter(player => player.score >= 70);

return (

<div>

<h2>Players with score</h2>

<ul>

{filteredPlayers.map((player, index) => (

<li key={index}>{player.name}: {player.score}</li>

))}

</ul>

</div>

);

};

export default ListofPlayers;

src/IndianPlayers

import React from 'react';

const IndianPlayers = () => {

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

const Ranji = ['Pujara', 'Iyer', 'Thakur'];

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

const oddTeam = [];

const evenTeam = [];

allPlayers.forEach((player, index) => {

if ((index + 1) % 2 === 0) evenTeam.push(player);

else oddTeam.push(player);

});

return (

<div>

<h2>Odd Team Players</h2>

<ul>

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

</ul>

<h2>Even Team Players</h2>

<ul>

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

</ul>

</div>

);

};

export default IndianPlayers;

src/App.js

import React, { useState } from "react";

import ListOfPlayers from "./ListOfPlayers";

import IndianPlayers from "./IndianPlayers";

function App() {

const [flag, setFlag] = useState(true);

return (

<div style={{ textAlign: "center" }}>

<h1>🏏 Cricket App</h1>

<button onClick={() => setFlag(!flag)}>Toggle View</button>

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

</div>

);

}

export default App;

output:

