REACT:

9.React-HOL

Create a React Application named “cricketapp” with the following components

ListofPlayers.js

import React from 'react';

const players = [

{ name: 'Virat Kohli', score: 95 },

{ name: 'Rohit Sharma', score: 85 },

{ name: 'KL Rahul', score: 60 },

{ name: 'Hardik Pandya', score: 45 },

{ name: 'Shubman Gill', score: 78 },

{ name: 'Rishabh Pant', score: 55 },

{ name: 'Suryakumar Yadav', score: 99 },

{ name: 'Jasprit Bumrah', score: 30 },

{ name: 'Ravindra Jadeja', score: 68 },

{ name: 'Mohammed Shami', score: 70 },

{ name: 'Yuzvendra Chahal', score: 40 }

];

function ListofPlayers() {

const below70 = players.filter(player => player.score < 70);

return (

<div>

<h2>All Players</h2>

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

<p key={index}>{player.name} - {player.score}</p>

))}

<h2>Players with score below 70</h2>

{below70.map((player, index) => (

<p key={index}>{player.name} - {player.score}</p>

))}

</div>

);

}

export default ListofPlayers;

IndianPlayers.js

import React from 'react';

function IndianPlayers() {

const T20Players = ['Virat', 'Rohit', 'Pant', 'Hardik'];

const RanjiTrophyPlayers = ['Rahane', 'Pujara', 'Karun', 'Shaw'];

const AllPlayers = [...T20Players, ...RanjiTrophyPlayers];

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

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

const [firstPlayer, secondPlayer, ...restPlayers] = AllPlayers;

return (

<div>

<h2>All Players</h2>

{AllPlayers.map((player, index) => <p key={index}>{player}</p>)}

<h2>Odd Team Players</h2>

{oddTeam.map((player, index) => <p key={index}>{player}</p>)}

<h2>Even Team Players</h2>

{evenTeam.map((player, index) => <p key={index}>{player}</p>)}

<h3>Destructured Example:</h3>

<p>First Player: {firstPlayer}</p>

<p>Second Player: {secondPlayer}</p>

<p>Remaining Players: {restPlayers.join(', ')}</p>

</div>

);

}

export default IndianPlayers;

App.js:

import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

const flag = true; // Toggle to false to switch component

return (

<div className="App">

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

</div>

);

}

export default App;

Output:





