9. ReactJs - HOL

# ListOfPlayers.js:

import React from 'react';

import ListOfPlayers from './ListOfPlayers';

import ScoreBelow70 from './ScoreBelow70';

import OddPlayers from './OddPlayers';

import EvenPlayers from './EvenPlayers';

import ListIndianPlayers from './ListIndianPlayers';

function App() {

var flag = true;

const players = [

{ name: "Mr. Aakash", score: 60 },

{ name: "Mr. Akhil", score: 75 },

{ name: "Mr. Rahul", score: 40 },

{ name: "Mr. Shiva", score: 90 },

{ name: "Mr. Sai", score: 69 },

{ name: "Mr. Mani", score: 82 },

{ name: "Mr. Ravi", score: 55 },

{ name: "Mr. Mohan", score: 80 },

{ name: "Mr. Raju", score: 45 },

{ name: "Mr. Vishal", score: 78 },

{ name: "Mr. Sandeep", score: 62 }

];

const T20Players = ['First Player', 'Second Player', 'Third Player'];

const RanjiTrophyPlayers = ['Fourth Player', 'Fifth Player', 'Sixth Player'];

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

return (

<div>

{flag === true ? (

<div>

<h1>List of Players</h1>

<ListOfPlayers players={players} />

<h1>List of Players having Scores Less than 70</h1>

<ScoreBelow70 players={players} />

</div>

) : (

<div>

<h1>Indian Team</h1>

<h3>Odd Players</h3>

<OddPlayers players={players} />

<h3>Even Players</h3>

<EvenPlayers players={players} />

<h3>List of Indian Players Merged</h3>

<ListIndianPlayers players={IndianPlayers} />

</div>

)}

</div>

);

}

export default App;

# ScoreBelow70.js:

function ListOfPlayers({ players }) {

return (

<ul>

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

<li key={index}>

Mr. {item.name} — Score: {item.score}

</li>

))}

</ul>

);

}

export default ListOfPlayers;

# OddPlayers.js:

function ScoreBelow70({ players }) {

const players70 = [];

players.map((item) => {

if (item.score < 70) {

players70.push(item);

}

});

return (

<ul>

{players70.map((item, index) => (

<li key={index}>{item.name}</li>

))}

</ul>

);

}

export default ScoreBelow70;

# EvenPlayers.js:

function EvenPlayers({ players }) {

const [, second, , fourth, , sixth] = players.map(p => p.name); // Destructuring even

return (

<ul>

<li>{second}</li>

<li>{fourth}</li>

<li>{sixth}</li>

</ul>

);

}

export default EvenPlayers;

# ListIndianPlayers.js:

function ListIndianPlayers({ players }) {

return (

<ul>

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

<li key={index}>Mr. {player}</li>

))}

</ul>

);

}

export default ListIndianPlayers;

