**9. ReactJS-HOL**

**cricketapp – React Application**

# ListofPlayers.js

import React from 'react';  
  
const ListofPlayers = ({ players }) => {  
 return (  
 <div>  
 {players.map((player, index) => (  
 <div key={index}>  
 <p>{player.name} - Score: {player.score}</p>  
 </div>  
 ))}  
 </div>  
 );  
};  
  
export default ListofPlayers;

# Scorebelow70.js

import React from 'react';  
  
const Scorebelow70 = ({ players }) => {  
 const lowScorers = players.filter(player => player.score < 70);  
 return (  
 <div>  
 {lowScorers.map((player, index) => (  
 <div key={index}>  
 <p>{player.name} - Score: {player.score}</p>  
 </div>  
 ))}  
 </div>  
 );  
};  
  
export default Scorebelow70;

# IndianPlayers.js

import React from 'react';  
  
const IndianPlayers = ({ IndianPlayers }) => {  
 return (  
 <div>  
 {IndianPlayers.map((player, index) => (  
 <p key={index}>{player}</p>  
 ))}  
 </div>  
 );  
};  
  
export const OddPlayers = (players) => {  
 const { IndianTeam } = players;  
 const oddPlayers = IndianTeam.filter((player, index) => index % 2 !== 0);  
 return (  
 <div>  
 {oddPlayers.map((player, index) => (  
 <p key={index}>{player}</p>  
 ))}  
 </div>  
 );  
};  
  
export const EvenPlayers = (players) => {  
 const { IndianTeam } = players;  
 const evenPlayers = IndianTeam.filter((player, index) => index % 2 === 0);  
 return (  
 <div>  
 {evenPlayers.map((player, index) => (  
 <p key={index}>{player}</p>  
 ))}  
 </div>  
 );  
};  
  
export default IndianPlayers;

# App.js (Main Page)

import React from 'react';  
import ListofPlayers from './components/ListofPlayers';  
import Scorebelow70 from './components/Scorebelow70';  
import IndianPlayers, { OddPlayers, EvenPlayers } from './components/IndianPlayers';  
  
function App() {  
 const flag = true;  
  
 const players = [  
 { name: 'Player 1', score: 85 },  
 { name: 'Player 2', score: 68 },  
 { name: 'Player 3', score: 90 },  
 { name: 'Player 4', score: 45 },  
 { name: 'Player 5', score: 77 },  
 { name: 'Player 6', score: 65 },  
 { name: 'Player 7', score: 30 },  
 { name: 'Player 8', score: 72 },  
 { name: 'Player 9', score: 55 },  
 { name: 'Player 10', score: 88 },  
 { name: 'Player 11', score: 43 },  
 ];  
  
 const T20players = ['Virat', 'Rohit', 'Jadeja'];  
 const RanjiTrophy = ['Pujara', 'Rahane', 'Iyer'];  
 const IndianTeam = [...T20players, ...RanjiTrophy];  
  
 return (  
 <div>  
 {flag === true ? (  
 <div>  
 <h1>List of Players</h1>  
 <ListofPlayers players={players} />  
 <hr />  
 <h1>List of Players having Scores Less than 70</h1>  
 <Scorebelow70 players={players} />  
 </div>  
 ) : (  
 <div>  
 <div>  
 <h1>Indian Team</h1>  
 <h1>Odd Players</h1>  
 {OddPlayers({ IndianTeam })}  
 <hr />  
 <h1>Even Players</h1>  
 {EvenPlayers({ IndianTeam })}  
 </div>  
 <hr />  
 <div>  
 <h1>List of Indian Players Merged:</h1>  
 <IndianPlayers IndianPlayers={IndianTeam} />  
 </div>  
 </div>  
 )}  
 </div>  
 );  
}  
  
export default App;

**Output: When Flag = true**

The output displays:

- All 11 players with their names and scores using map()

- Players filtered with scores below 70 using arrow function