React Hands-On Lab: CricketApp - Step-by-Step Guide

# Objective

This document outlines the step-by-step process to build a React app named 'cricketapp'.   
It demonstrates ES6 features such as map(), arrow functions, destructuring, spread operator, and conditional rendering using a flag variable.

# Prerequisites

- Node.js and npm  
- Visual Studio Code  
- Basic knowledge of React and JavaScript ES6

## Step 1: Create the React App

npx create-react-app cricketapp  
cd cricketapp  
npm start

## Step 2: Create Component Files

Inside src/, create:  
components/ListofPlayers.js  
components/Scorebelow70.js  
components/OddPlayers.js  
components/EvenPlayers.js  
components/ListofIndianPlayers.js

## Step 3: Add Player Data and Flag in App.js

Include player data, Indian players, T20/Ranji arrays, and the flag in App.js. Implement conditional rendering based on the flag.

## Step 4: ListofPlayers.js

Use map() to display all players with names and scores.

## Step 5: Scorebelow70.js

Filter players using arrow functions and display only those with scores ≤ 70.

## Step 6: OddPlayers.js

Use array destructuring to extract and display 1st, 3rd, and 5th players.

## Step 7: EvenPlayers.js

Use destructuring to extract and display 2nd, 4th, and 6th players.

## Step 8: ListofIndianPlayers.js

Merge T20 and Ranji arrays using the spread operator and display the result.

## Run the App

npm start  
Access at <http://localhost:3000>

Output:



