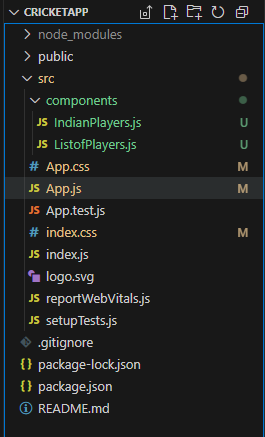
***Week 7***

***CricketApp***

***Project structure***

******

***App.js***

import './App.css';

import ListofPlayers from './components/ListofPlayers';

import IndianPlayers from './components/IndianPlayers';

function App() {

  // To see the other view, change the flag to false

  const flag = false;

  return (

    <div className="App">

      {flag ? (

        <ListofPlayers />

      ) : (

        <IndianPlayers />

      )}

    </div>

  );

}

export default App;

***App.css***

.App {

  padding: 30px;

  font-family: Arial, sans-serif;

}

.App h1 {

  font-size: 24px;

  margin-bottom: 10px;

}

.App ul {

  list-style-type: disc;

  padding-left: 20px;

}

.App li {

  font-size: 16px;

  margin-bottom: 8px;

}

.App span {

  margin-left: 10px;

  font-weight: bold;

}

.App hr {

  margin: 20px 0;

  border: 0;

  border-top: 1px solid #ccc;

}

***ListofPlayers.js***

import React from 'react';

function ListofPlayers() {

  const players = [

    { name: 'Jack', score: 50 },

    { name: 'Michael', score: 70 },

    { name: 'John', score: 40 },

    { name: 'Ann', score: 61 },

    { name: 'Elisabeth', score: 61 },

    { name: 'Sachin', score: 95 },

    { name: 'Dhoni', score: 100 },

    { name: 'Virat', score: 84 },

    { name: 'Jadeja', score: 64 },

    { name: 'Raina', score: 75 },

    { name: 'Rohit', score: 80 },

  ];

  // Filter players with scores less than or equal to 70 [cite: 24]

  const playersBelow70 = players.filter(player => player.score <= 70);

  return (

    <div>

      <h1>List of Players</h1>

      <ul>

        {/\* Use map feature to display players [cite: 23] \*/}

        {players.map((item) => (

          <li key={item.name}>Mr. {item.name} <span>{item.score}</span></li>

        ))}

      </ul>

      <hr />

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

      <ul>

        {playersBelow70.map((item) => (

          <li key={item.name}>Mr. {item.name} <span>{item.score}</span></li>

        ))}

      </ul>

    </div>

  );

}

export default ListofPlayers;

***IndianPlayers.js***

import React from 'react';

// Destructure the array to get odd and even players [cite: 26]

const IndianTeam = ["Sachin1", "Dhoni2", "Virat3", "Rohit4", "Yuvraj5", "Raina6"];

const [first, second, third, fourth, fifth, sixth] = IndianTeam;

function OddPlayers() {

  return (

    <div>

      <h1>Odd Players</h1>

      <ul>

        <li>First : {first}</li>

        <li>Third : {third}</li>

        <li>Fifth : {fifth}</li>

      </ul>

    </div>

  );

}

function EvenPlayers() {

  return (

    <div>

      <h1>Even Players</h1>

      <ul>

        <li>Second : {second}</li>

        <li>Fourth : {fourth}</li>

        <li>Sixth : {sixth}</li>

      </ul>

    </div>

  );

}

// Merge two player arrays [cite: 27]

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

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

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

function ListofIndianPlayers() {

  return (

    <div>

      <h1>List of Indian Players Merged:</h1>

      <ul>

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

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

        ))}

      </ul>

    </div>

  );

}

function IndianPlayers() {

  return (

    <div>

      <OddPlayers />

      <hr />

      <EvenPlayers />

      <hr />

      <ListofIndianPlayers />

    </div>

  );

}

export default IndianPlayers;

***Output***

