**9. ReactJS - HOL**

**ListofPlayers.js**

import React from 'react';

const ListofPlayers = ({ players }) => {

  return (

    <ul>

      {players.map((item, index) => (

        <li key={index}>

          Mr. {item.name} <span>{item.score}</span>

        </li>

      ))}

    </ul>

  );

};

export default ListofPlayers;

**ListofIndianPlayers.js**

import React from 'react';

const ListofIndianPlayers = ({ IndianPlayers }) => {

  return (

    <ul>

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

        <li key={index}>{player}</li>

      ))}

    </ul>

  );

};

export default ListofIndianPlayers;

**data.js**

export const players = [

  { name: "Sachin", score: 95 },

  { name: "Dhoni", score: 60 },

  { name: "Virat", score: 88 },

  { name: "Rohit", score: 45 },

  { name: "Yuvaraj", score: 50 },

  { name: "Raina", score: 40 },

];

export const IndianTeam = ["Sachin", "Dhoni", "Virat", "Rohit", "Yuvaraj", "Raina"];

export const T20Players = ["Sachin", "Dhoni", "Virat"];

export const RanjiTrophyPlayers = ["Rohit", "Yuvaraj", "Raina"];

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

**EvenPlayers.js**

import React from 'react';

const EvenPlayers = ([, second, , fourth, , sixth]) => {

  return (

    <ul>

      <li>Second : {second}</li>

      <li>Fourth : {fourth}</li>

      <li>Sixth : {sixth}</li>

    </ul>

  );

};

export default EvenPlayers;

**OddPlayers.js**

import React from 'react';

const OddPlayers = ([first, , third, , fifth]) => {

  return (

    <ul>

      <li>First : {first}</li>

      <li>Third : {third}</li>

      <li>Fifth : {fifth}</li>

    </ul>

  );

};

export default OddPlayers;

**Scorebelow70.js**

import React from 'react';

const Scorebelow70 = ({ players }) => {

  const filtered = players.filter(p => p.score < 70);

  return (

    <ul>

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

        <li key={index}>

          Mr. {item.name} <span>{item.score}</span>

        </li>

      ))}

    </ul>

  );

};

export default Scorebelow70;

**App.js**

import './App.css';

import { players, IndianPlayers, IndianTeam } from './data';

import ListofPlayers from './ListofPlayers';

import Scorebelow70 from './Scorebelow70';

import OddPlayers from './OddPlayers';

import EvenPlayers from './EvenPlayers';

import ListofIndianPlayers from './ListofIndianPlayers';

function App() {

  const flag = true;

  if (flag === true) {

    return (

      <div>

        <h1>List of Players</h1>

        <ListofPlayers players={players} />

        <hr />

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

        <Scorebelow70 players={players} />

      </div>

    );

  } else {

    return (

      <div>

        <div>

          <h1>Indian Team</h1>

          <h2>Odd Players</h2>

          {OddPlayers(IndianTeam)}

          <hr />

          <h2>Even Players</h2>

          {EvenPlayers(IndianTeam)}

        </div>

        <hr />

        <div>

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

          <ListofIndianPlayers IndianPlayers={IndianPlayers} />

        </div>

      </div>

    );

  }

}

export default App;

**App.css**

.App {

  text-align: center;

}

.App-logo {

  height: 40vmin;

  pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

  .App-logo {

    animation: App-logo-spin infinite 20s linear;

  }

}

.App-header {

  background-color: #282c34;

  min-height: 100vh;

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  font-size: calc(10px + 2vmin);

  color: white;

}

.App-link {

  color: #61dafb;

}

@keyframes App-logo-spin {

  from {

    transform: rotate(0deg);

  }

  to {

    transform: rotate(360deg);

  }

}



