9.ReactJS-HOL:

IndianPlayers.js:

```
import React from 'react';
const IndianPlayers = () => {
 const allPlayers = ['Sachin1', 'Dhoni2', 'Virat3', 'Rohit4', 'Yuvaraj5', 'Raina6'];
 const oddPlayers = allPlayers.filter((_, index) => index % 2 === 0);
 const evenPlayers = allPlayers.filter((_, index) => index % 2 !== 0);
 const oddLabels = ['First', 'Third', 'Fifth'];
 const evenLabels = ['Second', 'Fourth', 'Sixth'];
 const mergedPlayers = [
  'Mr. First Player',
  'Mr. Second Player',
  'Mr. Third Player',
  'Mr. Fourth Player',
  'Mr. Fifth Player',
  'Mr. Sixth Player'
 ];
 return (
  <div style={{ marginLeft: "30px" }}>
   <h2>Odd Players</h2>
   <ul>
    {oddPlayers.map((player, index) => (
     <li key={index}>
      {oddLabels[index]} : {player}
     </li>
    ))}
   </ul>
   <h2>Even Players</h2>
   <ul>
    {evenPlayers.map((player, index) => (
```

```jsx
      <li key={index}>
        {evenLabels[index]} : {player}
      </li>
    ))}
  </ul>
  <h2>List of Indian Players Merged:</h2>
  <ul>
    {mergedPlayers.map((player, index) => (
      <li key={index}>{player}</li>
    ))}
  </ul>
</div>
  );
};
export default IndianPlayers;
```

App.js:

```jsx
import React from 'react';
import IndianPlayers from './IndianPlayers';
function App() {
  return (
    <div>
      <IndianPlayers />
    </div>
  );
}
export default App;
```
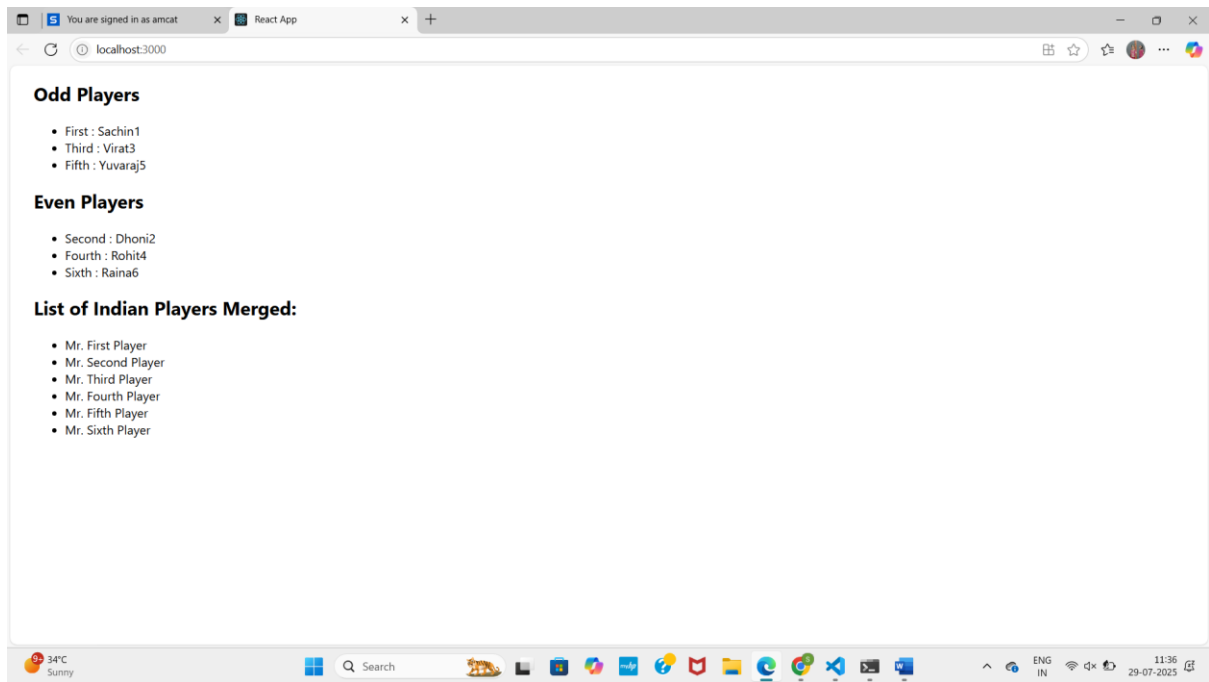
OUTPUT:

10.ReactJS-HOL:

OfficeInfo.js:

import React from 'react';

const OfficeInfo = () => {

  return (

    <div style={{ textAlign: 'center', padding: '20px' }}>

      <h1>Office Space , at Affordable Range</h1>

         <h2>Name: DBS</h2>

      <p style={{ color: 'red', fontWeight: 'bold' }}>Rent: Rs. 50000</p>

      <p>Address: Chennai</p>

    </div>

  );

};

export default OfficeInfo;

App.js:

import React from 'react';

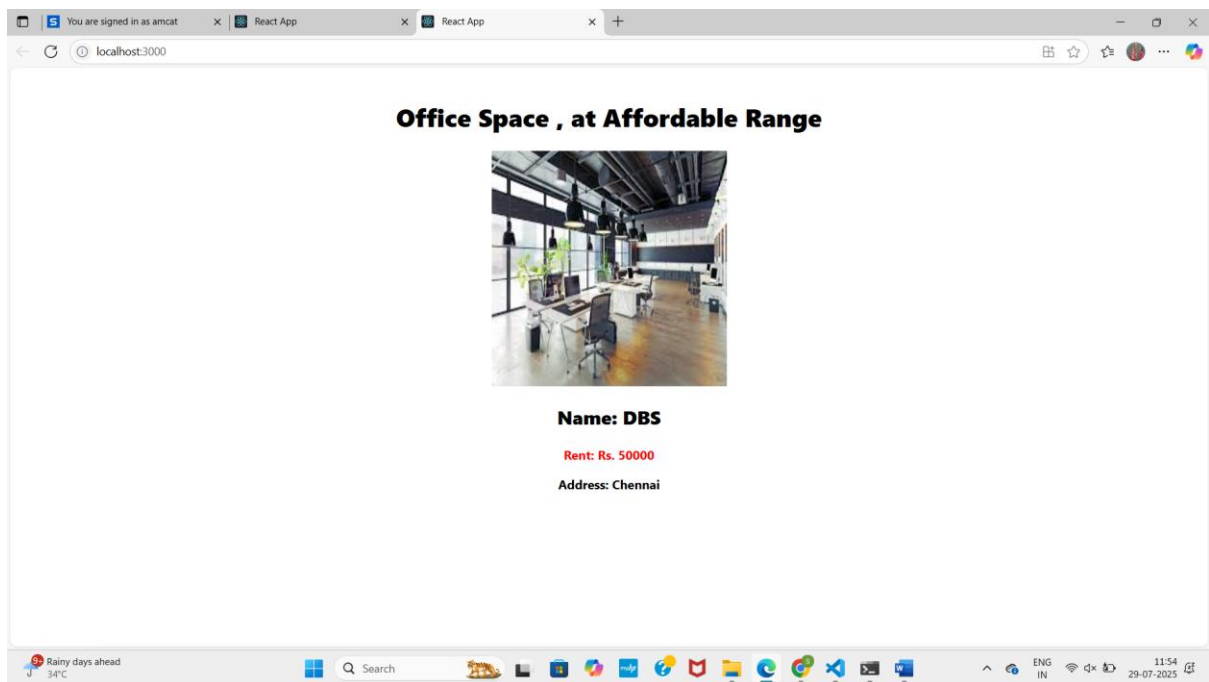import OfficeInfo from './OfficeInfo';

function App() {

  return (

```
  <div>
    <OfficeInfo />
  </div>
);
}
export default App;
```

OUTPUT:

11.**ReactJS-HOL:**

App.js:

```
import React, { useState } from "react";
import './App.css';
function App() {
  const [count, setCount] = useState(0);
  const [amount, setAmount] = useState("");
  const [currency, setCurrency] = useState("");
  const handleWelcome = () => {
    alert("welcome");
  };
  const handleClick = () => {
    alert("You clicked on me!");
```

```jsx
  };
  const handleSubmit = (e) => {
    e.preventDefault();
    let result = 0;
    if (currency.toLowerCase() === "euro") {
      result = amount * 80;
    } else if (currency.toLowerCase() === "dollar") {
      result = amount * 100;
    } else {
      alert("Invalid currency");
      return;
    }
    alert(`Converting to ${currency} Amount is ${result}`);
  };
  return (
    <div style={{ padding: "20px" }}>
      <p>{count}</p>
      <button onClick={() => setCount(count + 1)}>Increment</button>
      <button onClick={() => setCount(count - 1)}>Decrement</button>
      <br /><br />
      <button onClick={handleWelcome}>Say welcome</button>
      <button onClick={handleClick}>Click on me</button>
      <br /><br />
      <h1 style={{ color: "green" }}>Currency Convertor!!!</h1>
      <form onSubmit={handleSubmit}>
        <label>Amount: </label>
        <input
          type="text"
          value={amount}
          onChange={(e) => setAmount(e.target.value)}
        />
```

```jsx
        <br /><br />

        <label>Currency: </label>

        <textarea

          value={currency}

          onChange={(e) => setCurrency(e.target.value)}

        />

        <br /><br />

        <input type="submit" />

      </form>

    </div>

  );

}

export default App;
```
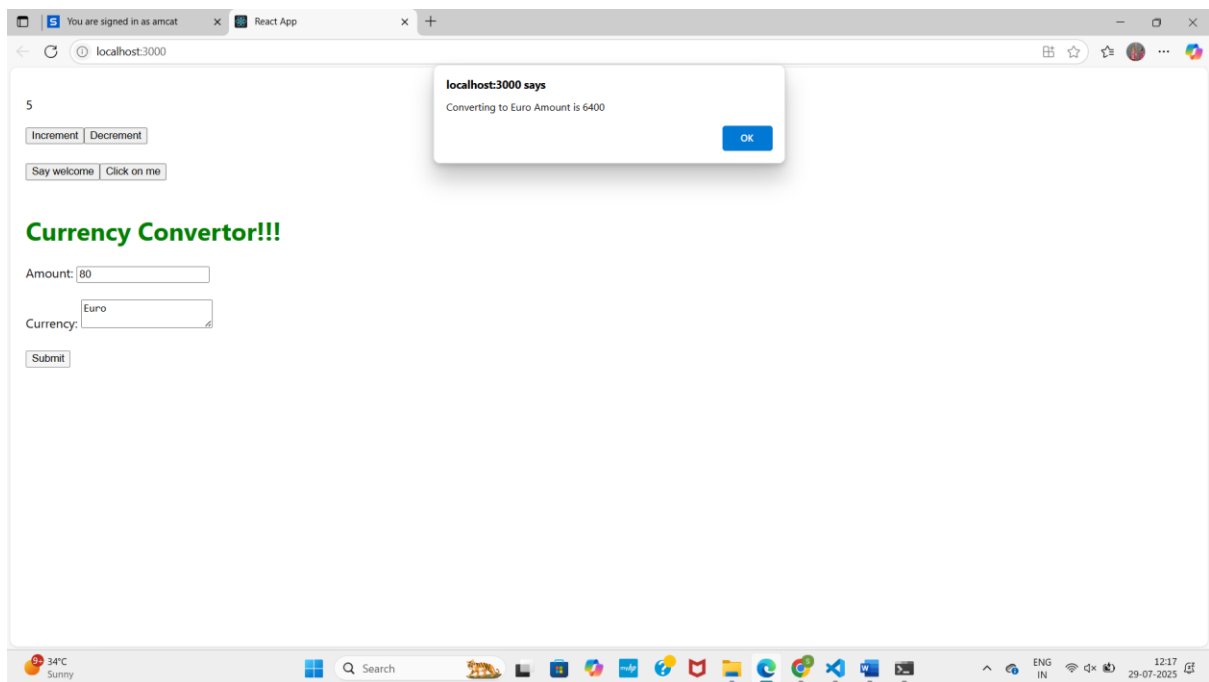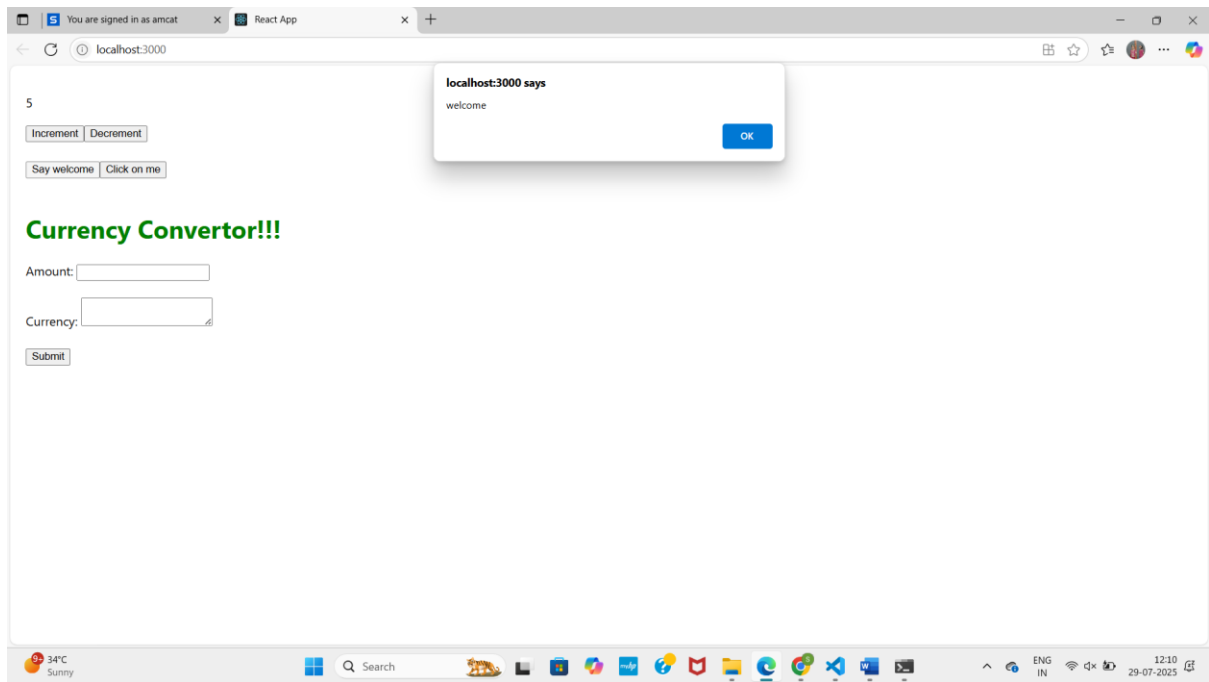
App.css:

```css
body {

  font-family: Arial, sans-serif;

}

button {

  margin: 5px;

}

input, textarea {

  margin: 5px;

  padding: 5px;

}
```

OUTPUT:

12.ReactJS-HOL:

App.js:

```
import React, { useState } from "react";

function App() {

  const [isLoggedIn, setIsLoggedIn] = useState(false);

  const handleLogin = () => setIsLoggedIn(true);

  const handleLogout = () => setIsLoggedIn(false);

  return (
```

```jsx
    <div style={{ textAlign: "center", marginTop: "100px" }}>
      {isLoggedIn ? (
        <>
          <h1>Welcome back</h1>
          <button onClick={handleLogout}>Logout</button>
        </>
      ) : (
        <>
          <h1>Please log in</h1>
          <button onClick={handleLogin}>Login</button>
        </>
      )}
    </div>
  );
}
export default App;
```
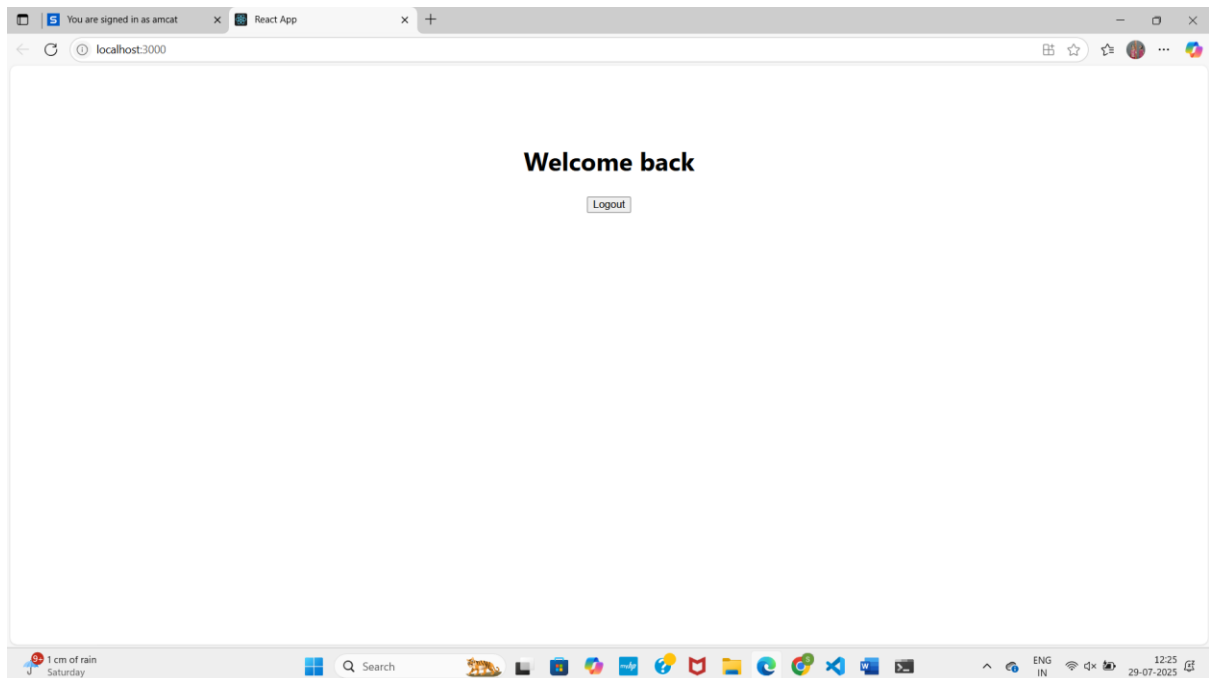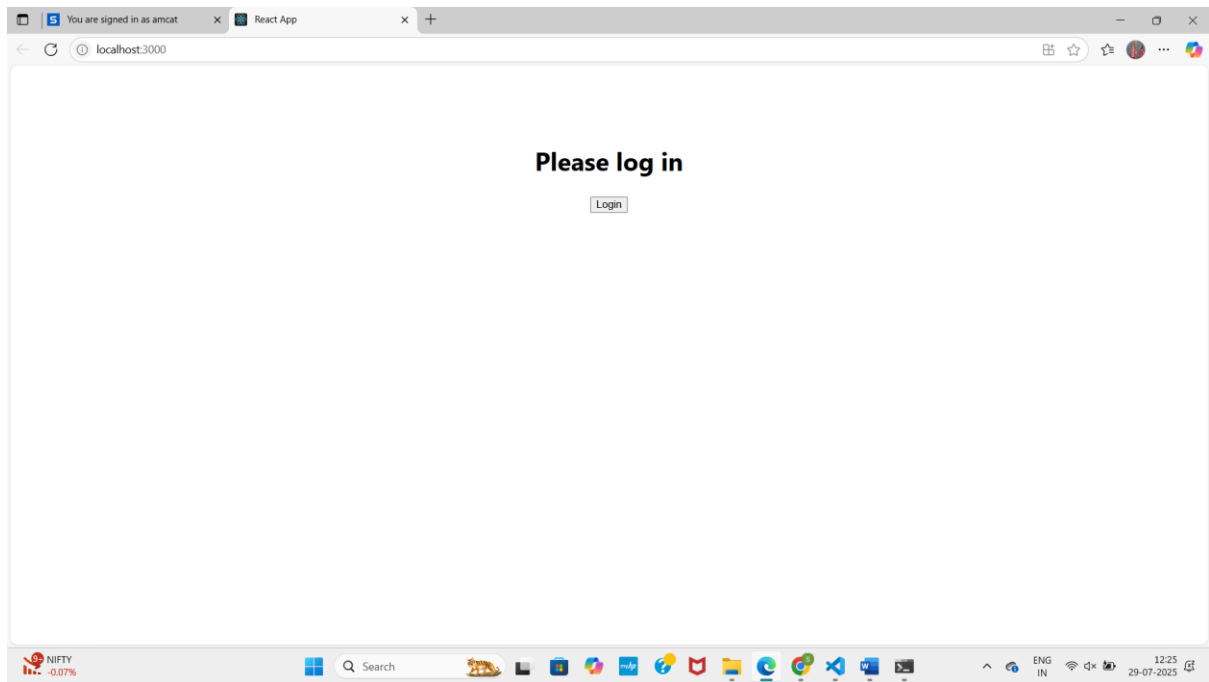
OUTPUT:

13.ReactJS-HOL:

App.js:

```
import React from "react";

import CourseDetails from "./CourseDetails";

import BookDetails from "./BookDetails";

import BlogDetails from "./BlogDetails";

function App() {

  return (

    <div style={{ display: "flex", justifyContent: "space-around", padding: "50px", fontFamily: "Arial" }}>

      <CourseDetails />

      <div style={{ borderLeft: "3px solid green", paddingLeft: "30px" }}>

        <BookDetails />

      </div>

      <div style={{ borderLeft: "3px solid green", paddingLeft: "30px" }}>

        <BlogDetails />

      </div>

    </div>

  );

}
```

```
export default App;
```

CourseDetails.js:

```jsx
import React from "react";

function CourseDetails() {
  return (
    <div>
      <h2>Course Details</h2>
      <p><b>Angular</b></p>
      <p>4/5/2021</p>
      <p><b>React</b></p>
      <p>6/3/20201</p>
    </div>
  );
}

export default CourseDetails;
```

BookDetails.js:

```jsx
import React from "react";

function BookDetails() {
  return (
    <div>
      <h2>Book Details</h2>
      <p><b>Master React</b></p>
      <p>670</p>
      <p><b>Deep Dive into Angular 11</b></p>
      <p>800</p>
      <p><b>Mongo Essentials</b></p>
      <p>450</p>
    </div>
  );
}

export default BookDetails;
```

BlogDetails.js

```
import React from "react";

function BlogDetails() {

  return (

    <div>

      <h2>Blog Details</h2>

      <p><b>React Learning</b></p>

      <p><i>Stephen Biz</i></p>

      <p>Welcome to learning React!</p>

      <p><b>Installation</b></p>

      <p><i>Schwezdneier</i></p>

      <p>You can install React from npm.</p>

    </div>

  );

}

export default BlogDetails;
```

OUTPUT: