**15. ReactJs-HOL**

Create a React App named “ticketraisingapp” which will help to raise a complaint and get it resolved.

Create a component named “ComplaintRegister” with a form containing a textbox to enter the employee name and a textarea to enter the complaint. Use “handleSubmit” event of the button to submit the complaint and generate a Reference number for further follow ups in the alert box.

**ComplaintRegister.js**

import React from 'react';

class ComplaintRegister extends React.Component {

  constructor(props) {

    super(props);

    this.state = {

      name: '',

      complaint: ''

    };

    this.handleChange = this.handleChange.bind(this);

    this.handleSubmit = this.handleSubmit.bind(this);

  }

  handleChange(event) {

    this.setState({

      [event.target.name]: event.target.value

    });

  }

  handleSubmit(event) {

    event.preventDefault();

    const transactionId = Math.floor(Math.random() \* 1000);

    const msg = `Thanks ${this.state.name}\nYour Complaint was Submitted.\nTransaction ID is: ${transactionId}`;

    alert(msg);

  }

  render() {

    return (

      <div>

        <h1 style={{ color: 'red' }}>Register your complaints here!!!</h1>

        <form onSubmit={this.handleSubmit}>

          <label>

            Name:

            <input

              type="text"

              name="name"

              value={this.state.name}

              onChange={this.handleChange}

            />

          </label>

          <br /><br />

          <label>

            Complaint:

            <textarea

              name="complaint"

              value={this.state.complaint}

              onChange={this.handleChange}

            />

          </label>

          <br /><br />

          <button type="submit">Submit</button>

        </form>

      </div>

    );

  }

}

export default ComplaintRegister;

**App.js**

import React from 'react';

import ComplaintRegister from './ComplaintRegister';

import './App.css';

function App() {

  return (

    <div className="App">

      <ComplaintRegister />

    </div>

  );

}

export default App;

**App.css**

.App {

  font-family: sans-serif;

  text-align: center;

  padding: 40px;

}

form {

  display: inline-block;

  text-align: left;

}

input, textarea {

  margin-left: 10px;

}

**Output:**

