**15.ReactJS-HOL**

**Code:**

ComplaintRegister.js

// src/components/ComplaintRegister.js

import React, { useState } from 'react';

function ComplaintRegister() {

const [employeeName, setEmployeeName] = useState('');

const [complaint, setComplaint] = useState('');

const handleSubmit = (e) => {

e.preventDefault();

const referenceNumber = 'REF' + Math.floor(1000 + Math.random() \* 9000);

alert(`Complaint submitted successfully!\nReference No: ${referenceNumber}`);

// Optional: clear form

setEmployeeName('');

setComplaint('');

};

return (

<div style={{ padding: '20px', maxWidth: '500px', margin: '0 auto' }}>

<h2>Complaint Registration Form</h2>

<form onSubmit={handleSubmit}>

<div>

<label>Employee Name:</label><br />

<input

type="text"

value={employeeName}

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

required

style={{ width: '100%', padding: '8px' }}

/>

</div>

<div style={{ marginTop: '10px' }}>

<label>Complaint:</label><br />

<textarea

value={complaint}

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

required

rows="5"

style={{ width: '100%', padding: '8px' }}

></textarea>

</div>

<button type="submit" style={{ marginTop: '15px', padding: '10px 20px' }}>

Submit Complaint

</button>

</form>

</div>

);

}

export default ComplaintRegister;

App.js

import React from 'react';

import ComplaintRegister from './components/ComplaintRegister';

function App() {

return (

<div className="App">

<ComplaintRegister />

</div>

);

}

export default App;

**OUTPUT:**

