1. Create a React App named “mailregisterapp” which will have a component named “register.js”. Create a form which accepts the name, email and password and validate the fields as per the following:
2. Name should have atleast 5 characters
3. Email should have @ and
4. Password should have atleast 8 characters.

**Register.js**

import React, { useState } from 'react';

*function* Register() {

*const* [formData, setFormData] = useState({

    name: '',

    email: '',

    password: ''

  });

*const* handleChange = (*e*) *=>* {

*const* { name, value } = e.target;

    setFormData(*prev* *=>* ({

      ...prev,

      [name]: value

    }));

  };

*const* handleSubmit = (*e*) *=>* {

    e.preventDefault();

*const* { name, email, password } = formData;

    if (name.length < 5) {

      alert("Full Name must be 5 characters long!");

      return;

    }

    if (!email.includes('@') || !email.includes('.')) {

      alert("Email is not valid!");

      return;

    }

    if (password.length < 8) {

      alert("Password must be at least 8 characters long!");

      return;

    }

    alert("Form submitted successfully!");

  };

  return (

    <div style={{ margin: '20px' }}>

      <h1 style={{ color: 'red' }}>Register Here!!!</h1>

      <form onSubmit={handleSubmit}>

        <div>

          <label>Name: </label>

          <input type="text" name="name" value={formData.name} onChange={handleChange} />

        </div>

        <div>

          <label>Email: </label>

          <input type="text" name="email" value={formData.email} onChange={handleChange} />

        </div>

        <div>

          <label>Password: </label>

          <input type="password" name="password" value={formData.password} onChange={handleChange} />

        </div>

        <br />

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

      </form>

    </div>

  );

}

export default Register;

**App.js**

import React from 'react';

import Register from './register';

*function* App() {

  return (

    <div className="App">

      <*Register* />

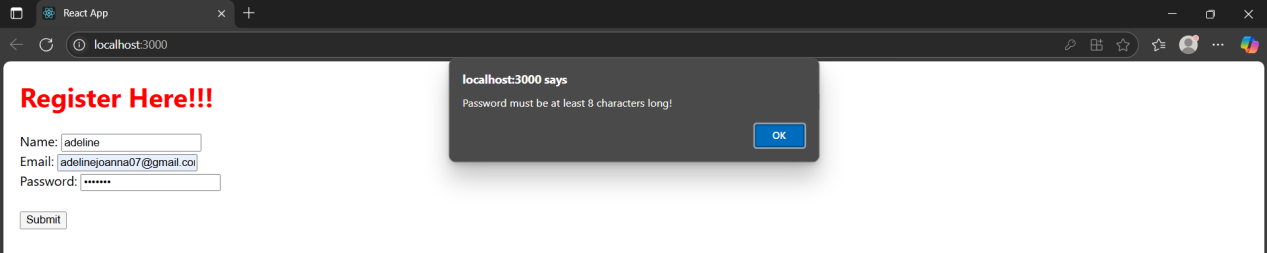
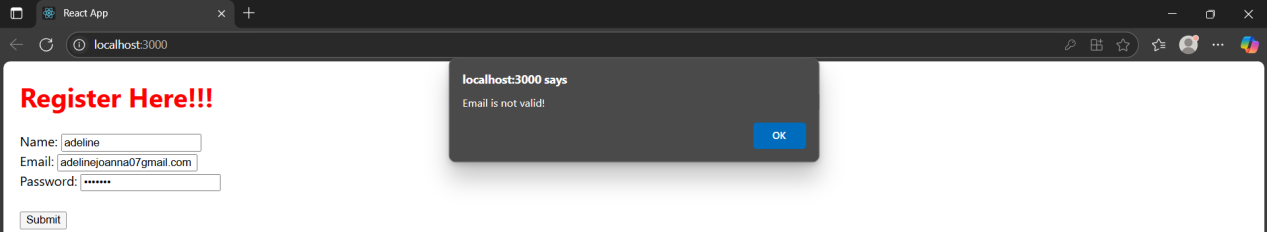
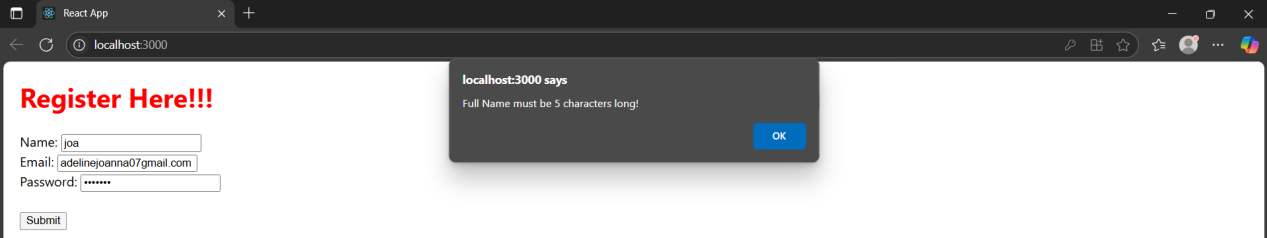
    </div>

  );

}

export default App;

**Output:**

****