**App.js:**

import React from 'react';

import Register from './Register';

function App() {

  return (

    <div>

      <Register />

    </div>

  );

}

export default App;

Register.js:

import React, { Component } from 'react';

import './Register.css';

class Register extends Component {

  constructor(props) {

    super(props);

    this.state = {

      fullName: '',

      email: '',

      password: '',

      errors: {

        fullName: '',

        email: '',

        password: ''

      }

    };

  }

  handleChange = (event) => {

    const { name, value } = event.target;

    let errors = this.state.errors;

    switch (name) {

      case 'fullName':

        errors.fullName = value.length < 5 ? 'Full Name must be 5 characters long!' : '';

        break;

      case 'email':

        const validEmailRegex = RegExp(/^([\w.%+-]+)@([\w-]+\.)+([\w]{2,})$/i);

        errors.email = validEmailRegex.test(value) ? '' : 'Email is not valid!';

        break;

      case 'password':

        errors.password = value.length < 8 ? 'Password must be 8 characters long!' : '';

        break;

      default:

        break;

    }

    this.setState({ errors, [name]: value });

  };

  validateForm = (errors) => {

    let valid = true;

    Object.values(errors).forEach(val => {

      if (val.length > 0) valid = false;

    });

    return valid;

  };

  handleSubmit = (event) => {

    event.preventDefault();

    const { fullName, email, password, errors } = this.state;

    if (this.validateForm(errors)) {

      alert(`Thanks ${fullName}, Registration Successful!`);

    } else {

      if (errors.fullName !== '') alert(errors.fullName);

      else if (errors.email !== '') alert(errors.email);

      else if (errors.password !== '') alert(errors.password);

    }

  };

  render() {

    const { fullName, email, password } = this.state;

    return (

      <div style={{ textAlign: 'center', marginTop: '50px' }}>

        <h2 style={{ color: 'red' }}>Register Here!!!</h2>

        <form onSubmit={this.handleSubmit}>

          <div>

            <label>Name: </label>

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

          </div>

          <div>

            <label>Email: </label>

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

          </div>

          <div>

            <label>Password: </label>

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

          </div>

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

        </form>

      </div>

    );

  }}

export default Register;

**Register.css:**

div {

  margin: 10px;

}

label {

  margin-right: 10px;

}

input {

  margin-bottom: 10px;

}





