**App.js**

import React, {useState} from 'react';

import StudentForm from './Component/StudentForm';

import StudentList from './Component/StudentList';

const App=()=>{

const [students,setStudents]=useState([]);

const addStudent=(student)=>setStudents([...students,student]);

return(

<div>

<h1>Student Registartion Portal</h1>

<StudentForm addStudent={addStudent} />

<StudentList students={students} />

</div>

);

};

export default App;

**StudentForm :**

import React, {useState} from 'react';

const StudentForm=({addStudent})=>{

const [formData, setFormData] = useState({ name: '', email: '', course: '' });

const handleChange = (e) => {

setFormData({

...formData,

[e.target.name]: e.target.value,

});

};

const handleSubmit = (e) => {

e.preventDefault();

if (Object.values(formData).every(val => val)) {

addStudent(formData);

setFormData({ name: '', email: '', course: '' });

}

};

return (

<form onSubmit={handleSubmit}>

{['name','email','course'].map((field)=>(

<div key={field}>

<label>{field.charAt(0).toUpperCase()+field.slice(1)};</label>

<input type={field==='email'?'email':'text'}

name={field}

value={formData[field]}

onChange={handleChange}/>

</div>

))}

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

</form>

);

};

export default StudentForm;

**StudentList:**

import React from 'react';

const StudentList = ({ students }) => (

<div>

<h2>Registered Students</h2>

{students.length ? (

students.map((student, index) => (

<div key={index}>

<h3>{student.name}</h3>

<p>Email: {student.email}</p>

<p>Course: {student.course}</p>

</div>

))

) : (

<p>No Students Registered yet.</p>

)}

</div>

);

export default StudentList;

