**Build Student Registration Portal using entities like component, State and Props**

**src/StudentForm.js**

**import React, { useState } from 'react';**

**const StudentForm = ({ addStudent }) => {**

**const [name, setName] = useState('');**

**const [grade, setGrade] = useState('');**

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

**e.preventDefault();**

**addStudent({ name, grade });**

**setName('');**

**setGrade('');**

**};**

**return (**

**<form onSubmit={handleSubmit}>**

**<label>**

**Name:**

**<input type="text" value={name} onChange={(e) => setName(e.target.value)} />**

**</label>**

**<label>**

**Grade:**

**<input type="text" value={grade} onChange={(e) => setGrade(e.target.value)} />**

**</label>**

**<button type="submit">Add Student</button>**

**</form>**

**);**

**};**

**export default StudentForm;**

**// src/StudentList.js**

**import React from 'react';**

**const StudentList = ({ students }) => (**

**<div>**

**<h2>Student List</h2>**

**<ul>**

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

**<li key={index}>**

**{student.name} - Grade: {student.grade}**

**</li>**

**))}**

**</ul>**

**</div>**

**);**

**export default StudentList;**

**// src/App.js**

**import React, { useState } from 'react';**

**import StudentForm from './StudentForm';**

**import StudentList from './StudentList';**

**const App = () => {**

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

**const addStudent = (student) => {**

**setStudents([...students, student]);**

**};**

**return (**

**<div>**

**<h1>Student Registration Portal</h1>**

**<StudentForm addStudent={addStudent} />**

**<StudentList students={students} />**

**</div>**

**);**

**};**

**export default App;**

Run the App

**npm start**

Open your browser and go to **http://localhost:3000** to see your student registration portal.