

Code:

App.js:

```
import './App.css';
import Card from "./components/card";
import subjects from "./components/subjects";
import State from "./components/state";
function App() {
  return (
    <div className="App">
      <div>
        <h1 className="heading">My subjects(Props & state Demo)</h1>
        <Card
          name={subjects[0].name}
          inc={subjects[0].incharge}
          m={subjects[0].marks}
        />
        <Card
          name={subjects[1].name}
          inc={subjects[1].incharge}
          m={subjects[1].marks}
        />
        <Card
          name={subjects[2].name}
          inc={subjects[2].incharge}
          m={subjects[2].marks} />
      </div>
      <State />
    </div>
  );
}
export default App;
```

subject.js:

```
const subjects = [  
  {  
    name: "Data Warehouse",  
    incharge: "Prof.Geetanjali Sawant",  
    marks: "85"  
  },  
  {  
    name: "Web Computing",  
    incharge: "Prof.Mrunmayee Hatiskar",  
    marks: "87"  
  },  
  {  
    name: "Computer Network",  
    incharge: "Prof.Mahesh Jadhav",  
    marks: "88"  
  }  
];  
  
export default subjects;
```

card.js:

```
import React from "react";  
  
function Card(props) {  
  return (  
    <div className="card">  
      <div className="top">  
        <h2 className="name">Subject Name: {props.name}</h2>  
      </div>  
      <div className="bottom">  
        <p className="info">Incharge Name: {props.inc}</p>  
      </div>  
    </div>  
  );  
}
```

```
      <p className="info1">Total Marks:{props.m}</p>
    </div>
  </div>
);
}
export default Card;
```

state.js:

```
import React from "react";
import {useState} from 'react';
const State=() =>{
  var [count,setCount]=useState(0)
  const Handle=()=>{
    count++

    setCount(count)
  }

  return (
    <div>
      <button onClick={()=> {Handle()}}>Increment</button>:{count}
    </div>
  );
}
export default State;
```

OUTPUT:

My subjects(Props & state Demo)

Subject Name:Data Warehouse

Incharge Name:Prof.Geetanjali Sawant

Total Marks:85

Subject Name:Web Computing

Incharge Name:Prof.Mrunmayee Hatiskar

Total Marks:87

Subject Name:Computer Network

Incharge Name:Prof.Maresh Jadhav

Total Marks:88

:0
