React JS
State and Prop

109 1st Floor, 208 2nd Floor, Prem Plaza, Ashok Nagar, Bhawarkua, Indore(M.P.)
Mob - 82368 09542, 75662 99542

State in function component

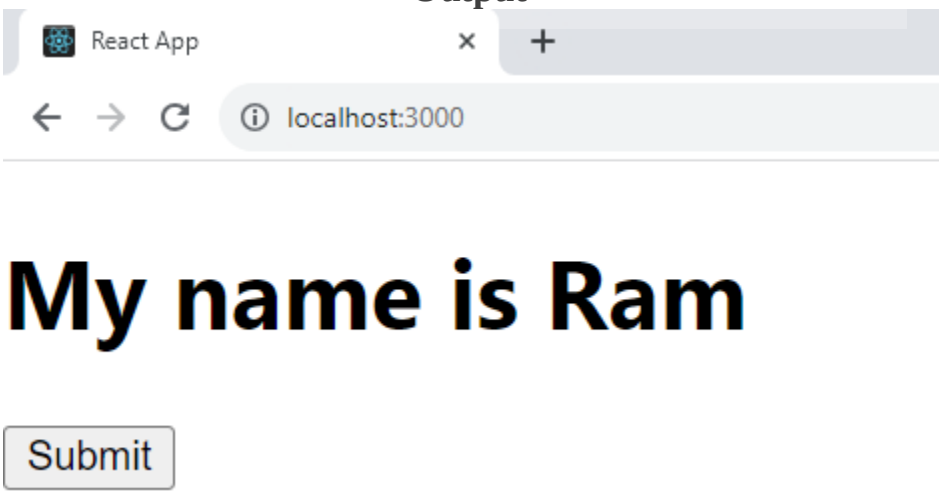
State is a object in react js.

For state we have to understand by a problem.

FunCmp.js

```
function FunCmp()
{
  var name="Ram";
  function hello()
  {
     name="Syam";
  }
     return(
        <div>
         <h1>My name is {name}</h1>
         <button onClick={hello}>Submit</button>
        </div>
     )
}
export default FunCmp
```

Output



in the above program initially name value is Ram but when we change in name value Ram to Syam it is not reflect in component.

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This problem is resolve by state. when we change value in state it is reflect to component.

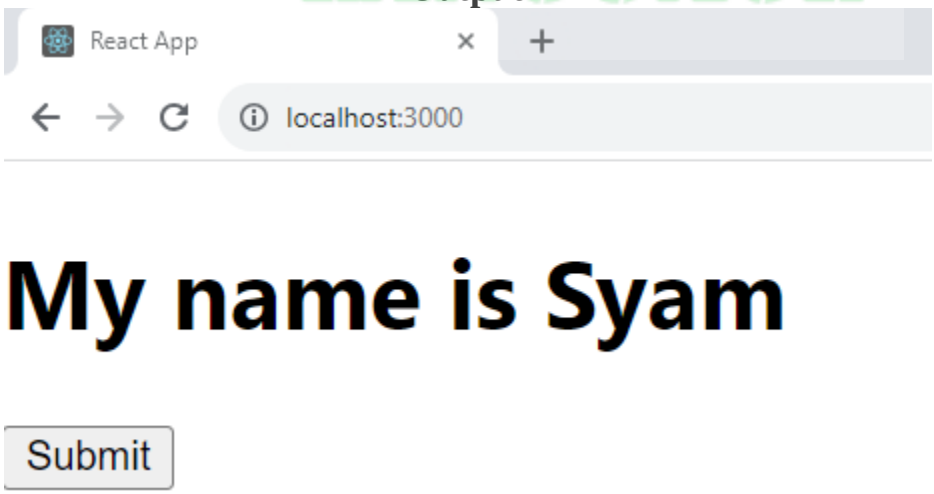
FunCmp.js

```
import { useState } from "react";

function FunCmp()
{
  var [name,setName]=useState("Ram")
  function hello()
  {
    setName("Syam")
  }
     return(
        <div>
         <h1>My name is {name}</h1>
         <button onClick={hello}>Submit</button>
        </div>
     )
}
export default FunCmp
```

in the above program we change value of state by using setName() function.

Output



State in Class component

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In the class component for state we have to use constructor which is use to initialized class component. In constructor first of all it is mandatory to call super class constructor by super () function.

FunCmp.js

```
import { Component } from "react";
class ClassCmp extends Component
{
    constructor()
    {
        super()
        this.state=
        {
            name:"Ram"
        }
    }
    render()
    {
        return(
            <div>
                <h1>My Name is {this.state.name}</h1>
                <button
onClick={()=>this.setState({name:"Syam"})}>Submit</button>
            </div>
        )
    }
}
export default ClassCmp
```

Output

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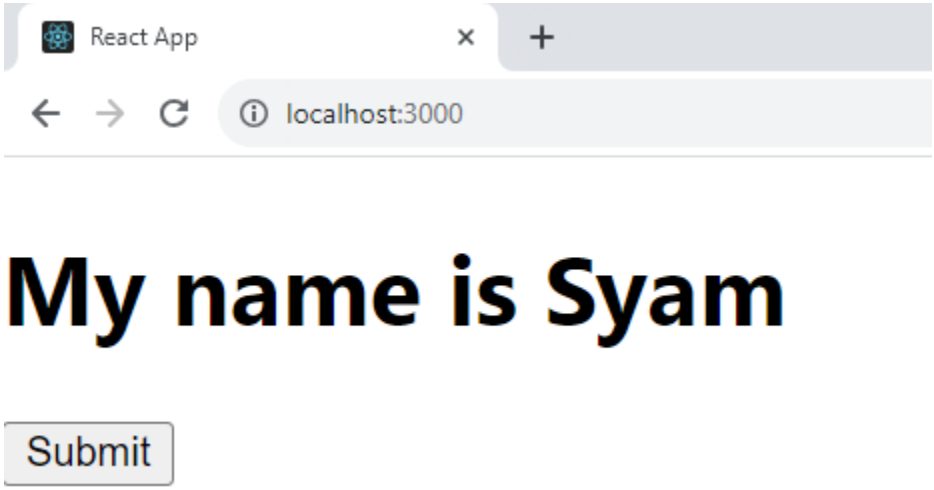

Prop in Function component

Prop means property and it is use to pass data from one component to other component. Props are read only.

FunCmp1.js

```
import FunCmp2 from "./FunCmp2"

function FunCmp1()
{
    return(
        <div>
           <FunCmp2 name="Ram" age="25"></FunCmp2>
        </div>
    )
}
export default FunCmp1
```

FunCmp2.js

```
function FunCmp2(prop)
{
    return(
        <div>
```


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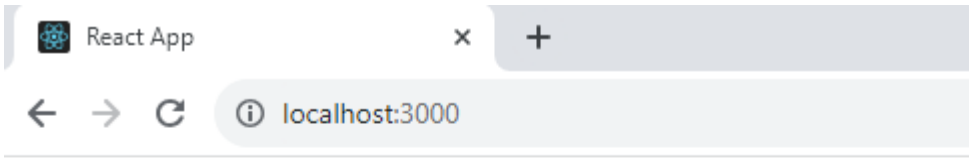
```
            <h1>My name is {prop.name}</h1>
            <h1>My name is {prop.age}</h1>
        </div>
    )
}
export default FunCmp2
```

App.js

```
import FunCmp1 from "./Funcmp1";
function App() {
  return (
    <div>
    <FunCmp1></FunCmp1>
    </div>
  );
}
export default App;
```


Output



My name is Ram

My name is 25

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We can also use state in FunCmp1.js Component.

FunCmp1.js

```
import { useState } from "react"
import FunCmp2 from "./FunCmp2"

function FunCmp1()
{
    const [name,setName]=useState("Ram")
    const [age,setAge]=useState(25)
    function hello()
    {
        setName("Syam")
        setAge(30)
    }
    return(
        <div>
           <FunCmp2 name={name} age={age}></FunCmp2>
           <button onClick={hello}>Submit</button>
        </div>
    )
}
export default FunCmp1
```

Output

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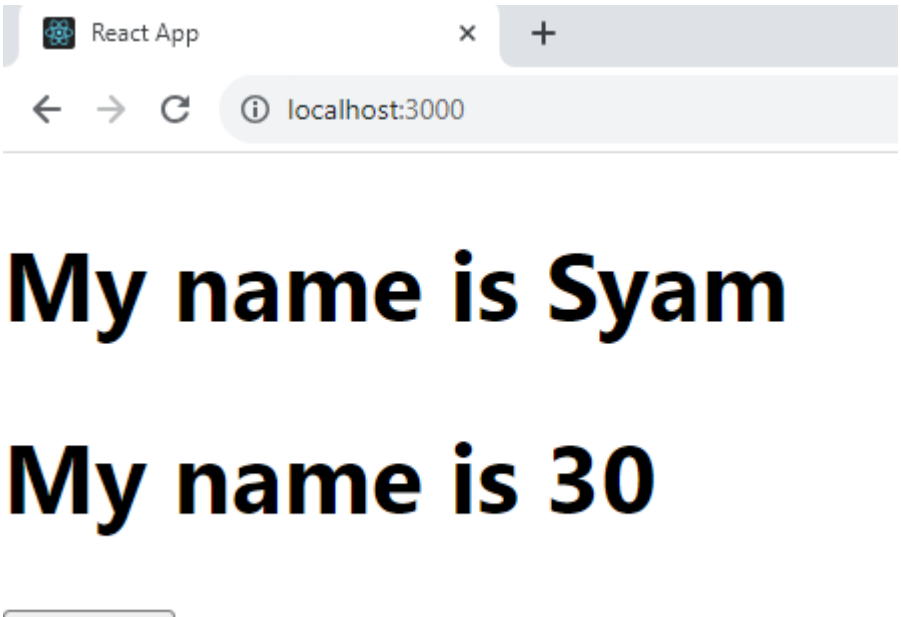

Prop in Class component

ClassCmp1.js

```
import { Component } from "react";
import ClassCmp2 from "./ClassCmp2";

 class ClassCmp1 extends Component
 {

        render()
        {
         return(
             <div>
                 <ClassCmp2 name="Ram" age="25"></ClassCmp2>
             </div>
         )
        }
 }
 export default ClassCmp1
```


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ClassCmp2.js

```
import { Component } from "react";

 class ClassCmp2 extends Component
 {
        render()
        {
         return(
             <div>
                 <h1>My name is {this.props.name}</h1>
                 <h1>My name is {this.props.age}</h1>
             </div>
         )
        }
 }
 export default ClassCmp2
```

App.js

```
import ClassCmp1 from "./ClassCmp1";
import FunCmp1 from "./Funcmp1";
function App() {
  return (
    <div>
 <ClassCmp1></ClassCmp1>
    </div>
  );
}
export default App;
```

Output

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We can also use state in ClassCmp1.js Component.

ClassCmp1.js

```
import { Component } from "react";
import ClassCmp2 from "./ClassCmp2";

 class ClassCmp1 extends Component
 {
  constructor()
  {
    super()
    this.state=
    {
        name:"Ram",
        age:25
    }
  }
       render()
       {
        return(
            <div>
                <ClassCmp2 name={this.state.name}
age={this.state.age}></ClassCmp2>
```


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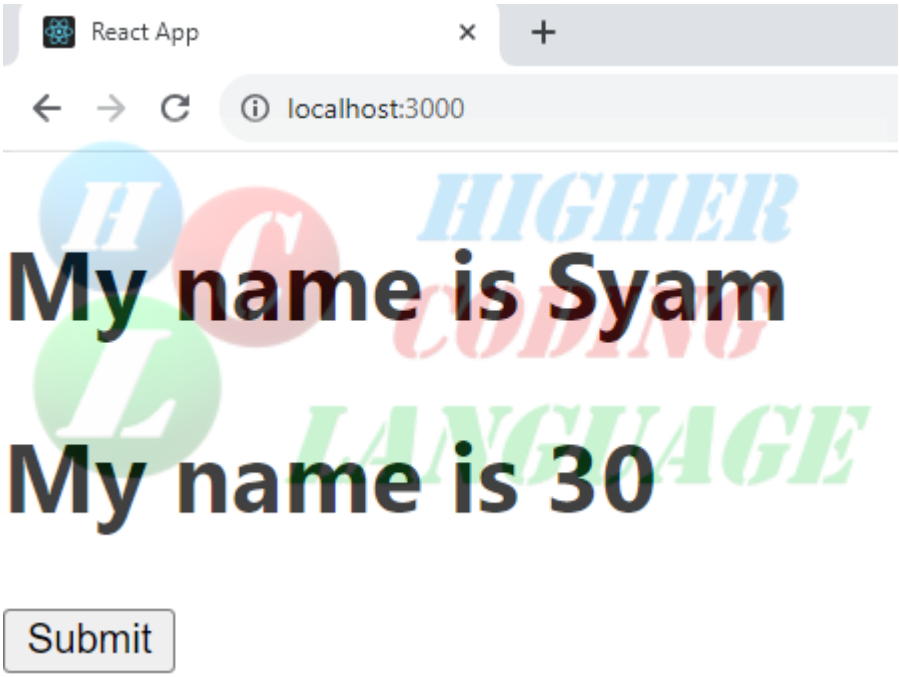
```
                <button
onClick={()=>this.setState({name:"Syam",age:30})}>Submit</bu
tton>
            </div>
        )
      }
 }
 export default ClassCmp1
```

Output



Higher Coding Language

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2	Web Development	html, CSS ,JS,Jquery,Bootstrap & Project	2 Months
3	C with DSA	C and DSA	2 Months
4	C++ with DSA	C++ and DSA	2 Months
5	Java with DSA	Java and DSA	2 Months
6	Java With Mysql	Core java and Mysql	2 Months
7	Front end	html, CSS ,JS, React JS & Project	2 Months
8	Back end	Node JS & Project	2 Months
9	Core java with Web Development	html, CSS ,JS,Jquery,Bootstrap,Core Java & Project	3 Months
10	Python with Web Development	html, CSS ,JS,Jquery,Bootstrap,Python & Project	3 Months
11	MERN Full Stack	html, CSS ,JS,Jquery,Bootstrap,Node JS & Live Project	6 Months
12	Java Full Stack	html, CSS ,JS,Jquery,Bootstrap,Core Java,JDBC,JSP,Servlet & Live Project	6 Months
13	Python Full Stack	html, CSS ,JS,Jquery,Bootstrap,Core Python,Advanced Python,Django & Live Project	6 Months
14	Android	Core Java and Android	4 Months
15	Fluter	Dart and Flutter	4 Months
16	Collage Minor Project	In any Technology	NA
17	Collage Major Project	In any Technology	NA
18	Python With ML	Core Python, Advanced Python,Numpy,Pandas, Mitlab, Seaborn & ML Algortithms	6 months
19	Python With AI	Core Python, Advanced Python,Numpy,Pandas, Mitlab, Seaborn & AI Algortithms	6 months
20	Python Data science	Core Python, Advanced Python,Numpy,Pandas, Mitlab, Seaborn & Data Science Algortithms	6 months
20	Python Data Analytics	Core Python, Advanced Python,Numpy,Pandas, Mitlab, Seaborn ,mysql and power BI	6 months

Our Recent Placements

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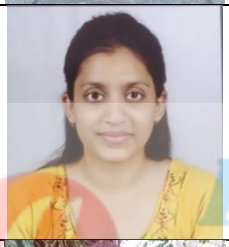
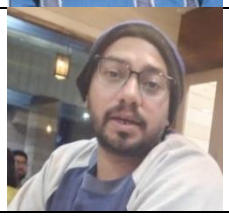
Name	Photo	Company	PKG
Khusbu Dubey		TCS	3.59 LPA
Prashant Shukla		Infosys	3.50 LPA
Tanuja Patidar		BestPeers	2.0 LPA
Sneha Gupta		Cyber Intant	NA
Rohan Sisodiya		GeeCom India	1.2 LPA
Kanchan pandey		SheThink	1.8 LPA
Sachin Choudhary		Nokia	4.0 LPA

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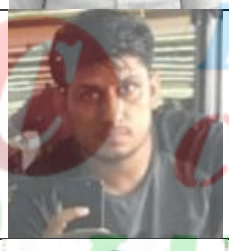
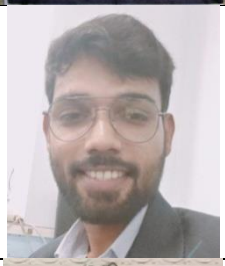
Shaikhar parmar		Capgemini	3.80 LPA
Lakhan Patel		TCS	5.00 LPA
Kundan Mandloi		Maveric Systems	2.88 LPA
Yoegsh		Deloitte	3.20 LPA
Dheeraj Patel		Cognizant	4.50
Rahul		Digiprima	1.9 LPA
Jayendra		Assistant	2.4 LPA

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Sachin		Codernaline	1.60 LPA
Sanchit		Avery Bit	1.80 LPA
Sumit Chandravanshi		Geecom India	1.20 LPA
Ajay Sailani		Avery Bit	1.20 LPA

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