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Practical No.	4
Practical Aim:	Practical Aim: Write a Program to demonstrate the working of Props and State in Functional and Class Components in the React application.
Section & Batch:	A3

Code:

To demonstrate props

```
import React from 'react'
export default function Students(props) {
 return (
  <div><div>
    <h1>This is the use of props in react js</h1>
    Name : 
           {props.name}
          Branch : 
           {props.branch}
        Year : 
          {props.year}
        Image : 
          <img src = {props.image} alt="" />
```

```
</center></div></div>
)
}
```

Output:

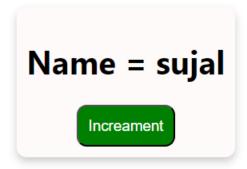
This is the use of props in react js

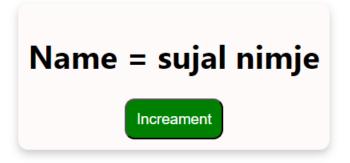


To demonstrate state in react Code:

```
import React, { Component } from 'react'
export default class Counter extends Component {
  constructor(props){
    super(props);
    state = {count : "sujal"}
    onIncreament(){
        this.state.count += " " + this.props.name;
        this.setState(
                count : this.state.count
        console.log(this.state.count)
    }
  render() {
    let style1 = {
      boxShadow: "0 4px 8px 0 rgba(0,0,0,0.2)",
      backgroundColor : "snow",
      color : "black",
      textAlign : "center",
      padding : "10px",
      margin : "20px",
      border : "none",
      borderRadius : "10px"
    let style2 = {
      padding: "10px",
      margin : "0",
      backgroundColor : "green",
      borderRadius : "10px",
      color : "white",
      fontSize : "15px",
    return (
```

output:







And so on updating if you keep clicking on the increment button.......

Conclusion: with these practical I learn about use of props and state in react application.