9.Counter Using ReactJS

Aim:

To create a counter program using ReactJS

Algorithm:

Step 1: Install VS code

Step 2: Create new ReactJS program inside the ReactProjects using

npm create-react-app counter

Step 3: Replace the following program inside into the App.js file

```jsx
import React, {Component} from 'react';
import './App.css';

class App extends Component{
  constructor(props){
    super(props);
    this.state={
      count: 0
    }
  }
  increment=()=>{
    this.setState({count:this.state.count+1});
  }
  decrement=()=>{
    this.setState({count:this.state.count-1});
  }
  render(){
    return(
      <body>
      <div className='App' >
        <h1>Counter</h1>
          <button onClick={this.increment} className="counter">+</button>
          <button onClick={this.decrement} className="counter">-</button>
          <h2>{this.state.count}</h2>
      </div>
      </body>
    );
  }
}
export default App;
```

Step 4: Replace the following program inside into the App.css file

```css
body{
  background: #009393;
}
.App {
  text-align: center;
  margin-top: 150px;
  background-color: aliceblue;
}
button{
font-size: 20px;
padding: 15px 32px;
margin-left: 8px;
}
```

Step 5: Use the following commands to run the program

> cd ReactProjects

> cd counter

> npm start

Output: