ASSIGNMENT NO.: 5

1. INLINE STYLING

App.jsx

```
import React from 'react';
import ReactDOM from 'react-dom/client';

const Header = () => {
  return (
    <>
      <h1 style={{color: "red"}}>Hello Style!</h1>
      <p>Add a little style!</p>
    </>
  );
}

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(<Header />);
```

OUTPUT:

Hello Style!

Add a little style!

---

2. CSS STYLESHEET

App.js

```
import React, { Component } from "react";
import "./App.css"; // Importing stylesheet

class App extends Component {
  constructor(props) {
    super(props);
```

```jsx
    this.state = {
      count: 0,
    };
  }

  increment = () => {
    this.setState({ count: this.state.count + 1 });
  };

  decrement = () => {
    this.setState({ count: this.state.count - 1 });
  };

  render() {
    return (
      <div className="container">
        <h1 className="title">React Class Component Demo</h1>
        <p className="subtitle">Counter Example with CSS Styling</p>

        <div className="counter-box">
          <h2 className="count">Count: {this.state.count}</h2>
          <button className="btn increment" onClick={this.increment}>
            Increment
          </button>
          <button className="btn decrement" onClick={this.decrement}>
            Decrement
          </button>
        </div>
      </div>
    );
  }
}

export default App;
```

App.css

```css
.container {
  text-align: center;
  margin-top: 50px;
  font-family: Arial, sans-serif;
}

.title {
```

```css
      color: #2c3e50;
    }

    .subtitle {
      color: #555;
      margin-bottom: 20px;
    }

    .counter-box {
      border: 2px solid #3498db;
      display: inline-block;
      padding: 20px;
      border-radius: 10px;
      background-color: #ecf0f1;
    }

    .count {
      font-size: 24px;
      margin-bottom: 15px;
    }

    .btn {
      padding: 10px 20px;
      margin: 5px;
      border: none;
      font-size: 16px;
      border-radius: 6px;
      cursor: pointer;
      color: #fff;
    }

    .increment {
      background-color: #27ae60;
    }

    .decrement {
      background-color: #c0392b;
    }

    .btn:hover {
      opacity: 0.8;
    }
```
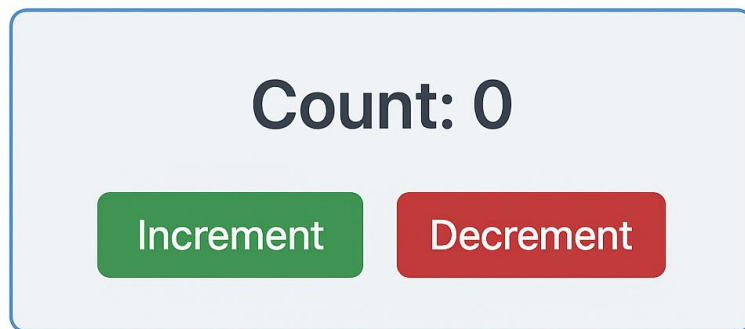
OUTPUT:

React Class Component Demo

Counter Example with CSS Styling

Count: 0

Increment   Decrement

---

3. CSS MODULE

App.js

```
import React, { Component } from "react";
import styles from "./App.module.css";

class App extends Component {
  constructor(props) {
    super(props);
    this.state = {
      message: "Welcome to React Class Component with CSS Modules!",
      counter: 0,
    };
  }

  increment = () => {
    this.setState({ counter: this.state.counter + 1 });
  };
```

```
  render() {
   return (
    <div className={styles.container}>
     <h1 className={styles.title}>{this.state.message}</h1>
     <p className={styles.text}>Counter: {this.state.counter}</p>
     <button className={styles.button} onClick={this.increment}>
      Increment
     </button>
    </div>
   );
  }
}

export default App;
```

App.module.css

```
.container {
 text-align: center;
 margin-top: 50px;
 font-family: Arial, sans-serif;
}

.title {
 color: #4caf50;
 font-size: 28px;
}

.text {
 font-size: 20px;
 margin: 15px 0;
}

.button {
 background-color: #4caf50;
 color: white;
 padding: 12px 25px;
 font-size: 16px;
 border: none;
 border-radius: 8px;
 cursor: pointer;
}
```

```css
.button:hover {
  background-color: #45a049;
}
```

Welcome to React Class Component with CSS Modules!

Counter: 0

Increment