

**PR7:**

```
npx create-react-app counter-app
```

```
cd counter-app
```

```
npm start
```

```
import React, { useState } from 'react';
```

```
import './App.css';
```

```
function App() {
```

```
  // Declare a state variable to hold the counter value
```

```
  const [count, setCount] = useState(0);
```

```
  // Function to increment the counter
```

```
  const increment = () => {
```

```
    setCount(count + 1);
```

```
  };
```

```
  // Function to decrement the counter
```

```
  const decrement = () => {
```

```
    setCount(count - 1);
```

```
  };
```

```
  // Function to reset the counter to 0
```

```
  const reset = () => {
```

```
    setCount(0);
```

```
  };
```

```
  return (
```

```
    <div className="counter-container">
```

```
      <h1>Counter App</h1>
```

```
      <div className="counter-display">
```

```
    {count}
  </div>
  <div className="buttons">
    <button onClick={increment}>Increment</button>
    <button onClick={decrement}>Decrement</button>
    <button onClick={reset}>Reset</button>
  </div>
</div>
);
}
```

```
export default App;
```

```
/* General Styles */
```

```
body {
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
}
```

```
.counter-container {
  text-align: center;
  padding: 20px;
  border: 2px solid #ccc;
  border-radius: 10px;
  background-color: #fff;
```

```
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
.counter-display {  
    font-size: 3rem;  
    margin: 20px 0;  
    padding: 10px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
    width: 100px;  
    margin-left: auto;  
    margin-right: auto;  
}
```

```
.buttons {  
    margin-top: 20px;  
}
```

```
button {  
    padding: 10px 20px;  
    margin: 5px;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    background-color: #007bff;  
    color: white;  
    font-size: 1rem;  
}
```

```
button:hover {  
    background-color: #0056b3;}  
}
```