

# DEVOPS AND FULLSTACK

School of Computer Science Engineering and Artificial Intelligence

Ramana

2303A51170

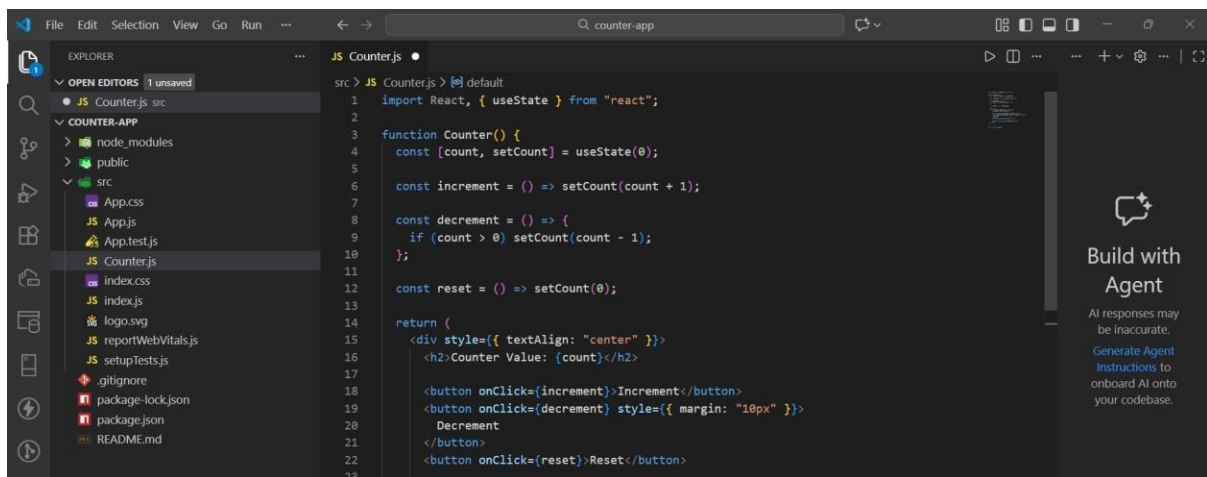
BATCH – 18

02 – 02 – 2026

## LAB – PRACTICAL – 09

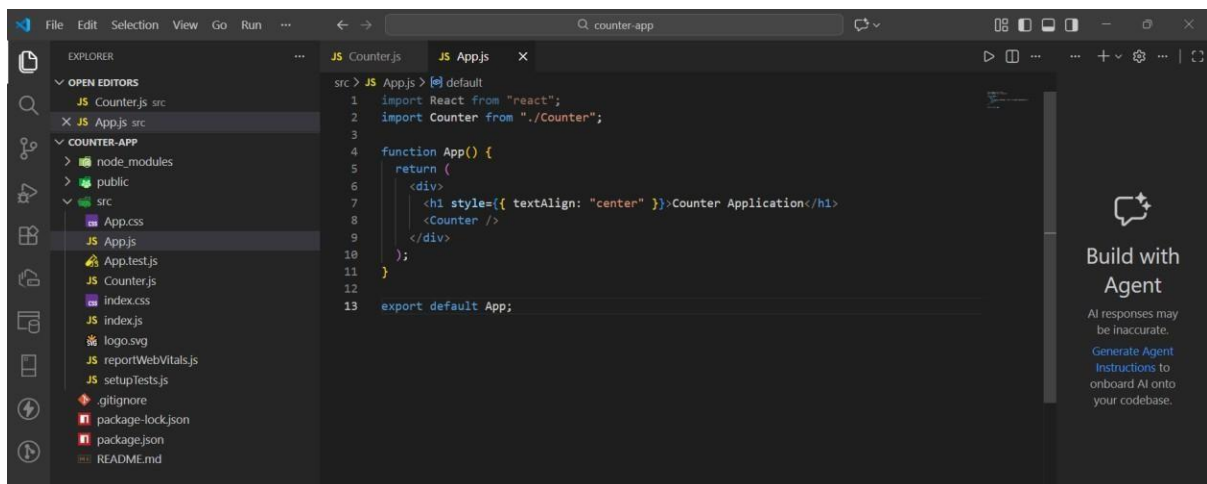
### Counter Application :

#### Step – 01 : Code for Counter App.



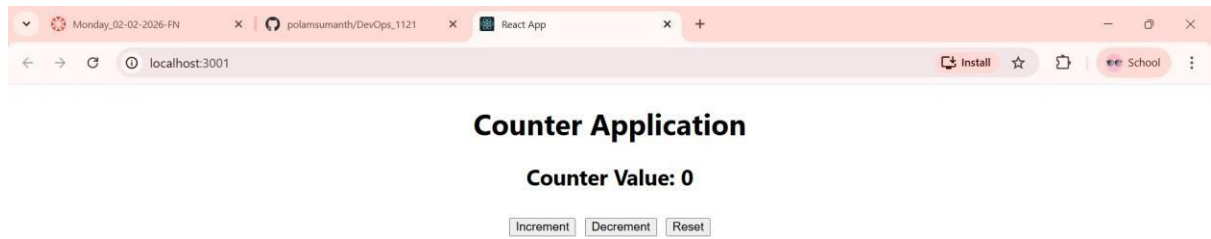
```
src > JS Counter.js > default
1 import React, { useState } from "react";
2
3 function Counter() {
4   const [count, setCount] = useState(0);
5
6   const increment = () => setCount(count + 1);
7
8   const decrement = () => {
9     if (count > 0) setCount(count - 1);
10  };
11
12   const reset = () => setCount(0);
13
14   return (
15     <div style={{ textAlign: "center" }}>
16       <h2>Counter Value: {count}</h2>
17       <button onClick={increment}>Increment</button>
18       <button onClick={decrement} style={{ margin: "10px" }}>
19         Decrement
20       </button>
21       <button onClick={reset}>Reset</button>
22     </div>
23   );
24 }
```

#### Step – 02: Code for App.

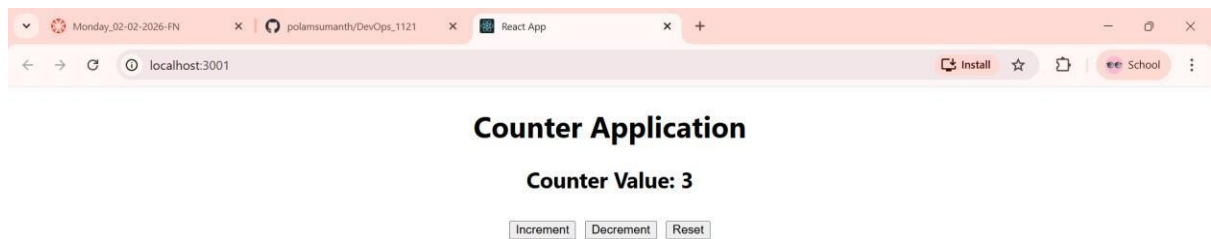


```
src > JS App.js > default
1 import React from "react";
2 import Counter from "../Counter";
3
4 function App() {
5   return (
6     <div>
7       <h1 style={{ textAlign: "center" }}>Counter Application</h1>
8       <Counter />
9     </div>
10   );
11 }
12
13 export default App;
```

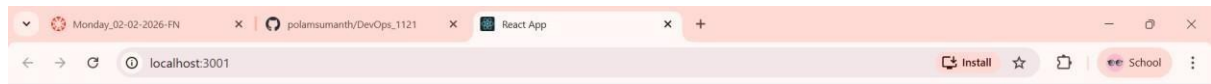
## Step – 06: Opening The Application.



## Step – 07: Incrementation.



## Step – 08: Decrementation.

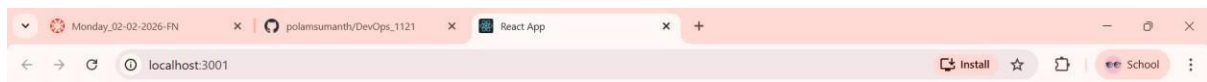


### Counter Application

Counter Value: 1

Increment Decrement Reset

## Step – 09: Reaching 10 Pop Up Message.



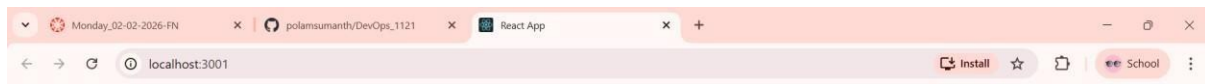
### Counter Application

Counter Value: 10

Increment Decrement Reset

You reached 10! 🎉

## Step – 10: Reset.



## Counter Application

Counter Value: 0

Increment Decrement Reset

### Step – 11: Successfully Implemented.

```
Windows PowerShell
Compiled successfully!
You can now view counter-app in the browser.
Local: http://localhost:3001
On Your Network: http://10.3.99.214:3001
Note that the development build is not optimized.
To create a production build, use npm run build.
webpack compiled successfully
```

THANK YOU!!