

DEVOPS AND FULLSTACK

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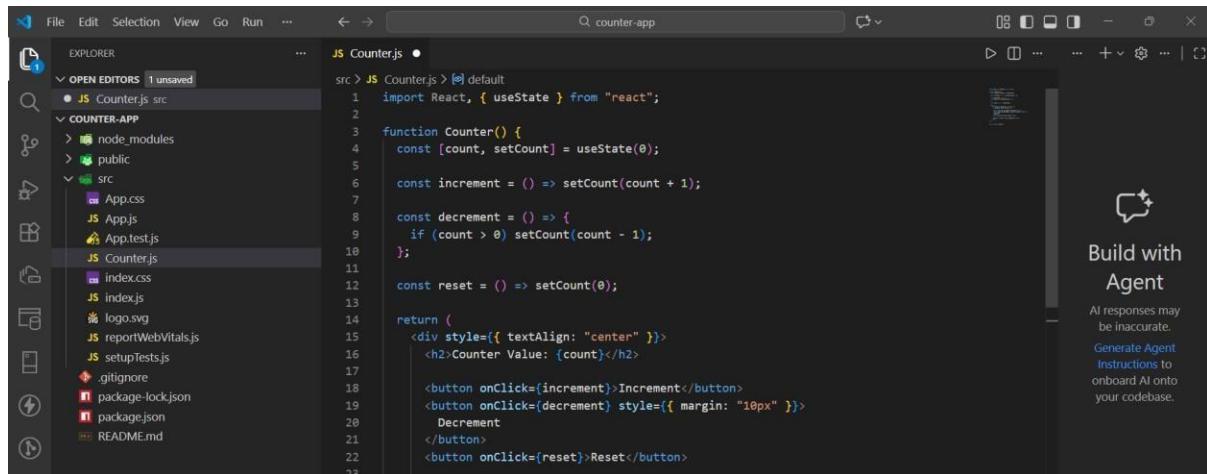
BATCH – 18

02 – 02 – 2026

LAB – PRACTICAL – 09

Counter Application:

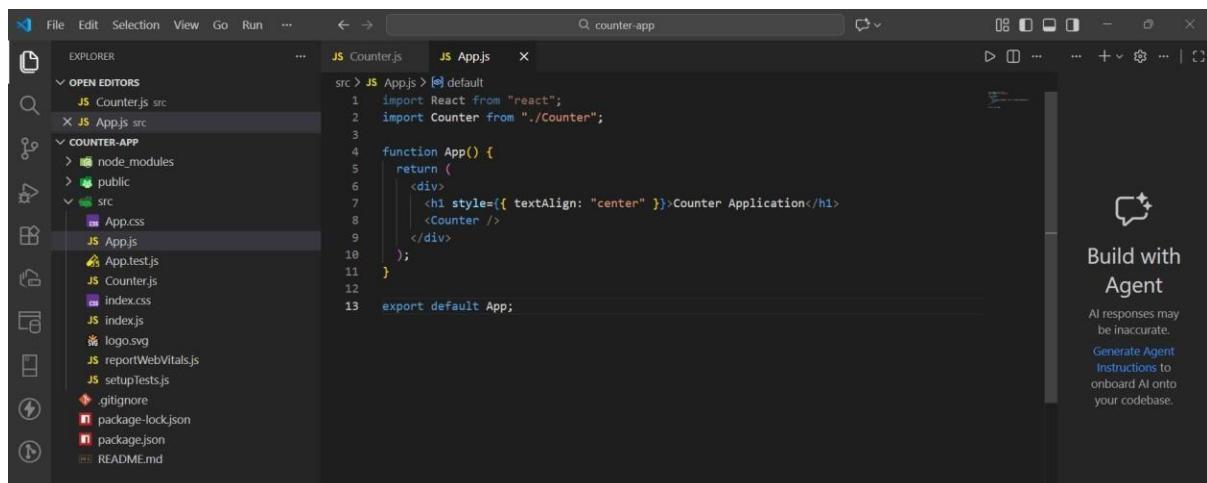
Step – 01: Code for Counter App.



A screenshot of the Visual Studio Code interface. The left sidebar shows a project structure with files like index.css, App.js, App.test.js, Counter.js, logo.svg, reportWebVitals.js, setupTests.js, .gitignore, package-lock.json, package.json, and README.md. The right pane displays the code for Counter.js:

```
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
18      <button onClick={increment}>Increment</button>
19      <button onClick={decrement} style={{ margin: "10px" }}>
20        Decrement
21      </button>
22      <button onClick={reset}>Reset</button>
23  );
}
```

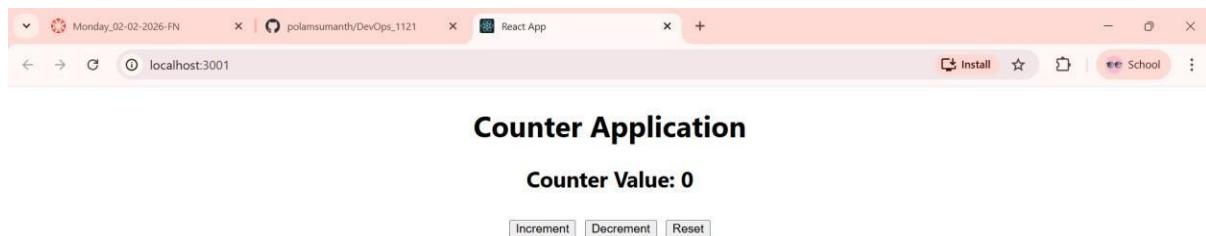
Step – 02: Code for App.



A screenshot of the Visual Studio Code interface. The left sidebar shows a project structure with files like index.css, App.js, App.test.js, Counter.js, logo.svg, reportWebVitals.js, setupTests.js, .gitignore, package-lock.json, package.json, and README.md. The right pane displays the code for App.js:

```
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  export default App;
```

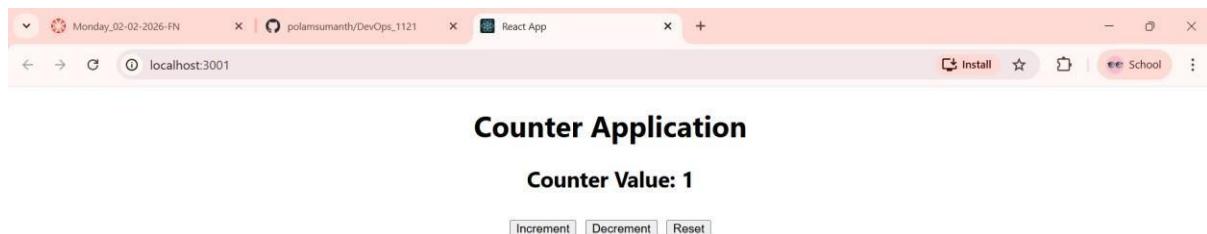
Step – 06: Opening The Application.



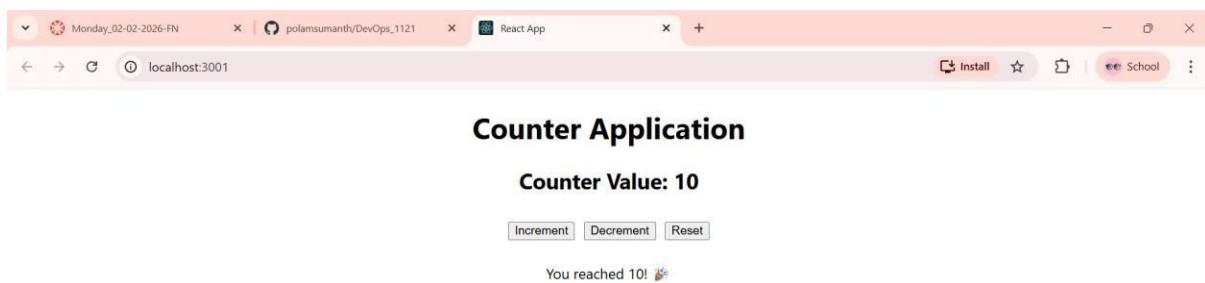
Step – 07: Incrementation.



Step – 08: Decrementation.



Step – 09: Reaching 10 Pop Up Message.



Step – 10: Reset.



Counter Application

Counter Value: 0

Step – 11: Successfully Implemented.

```
| □ Windows PowerShell x + v
| 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!!