

DEVOPS AND FULLSTACK

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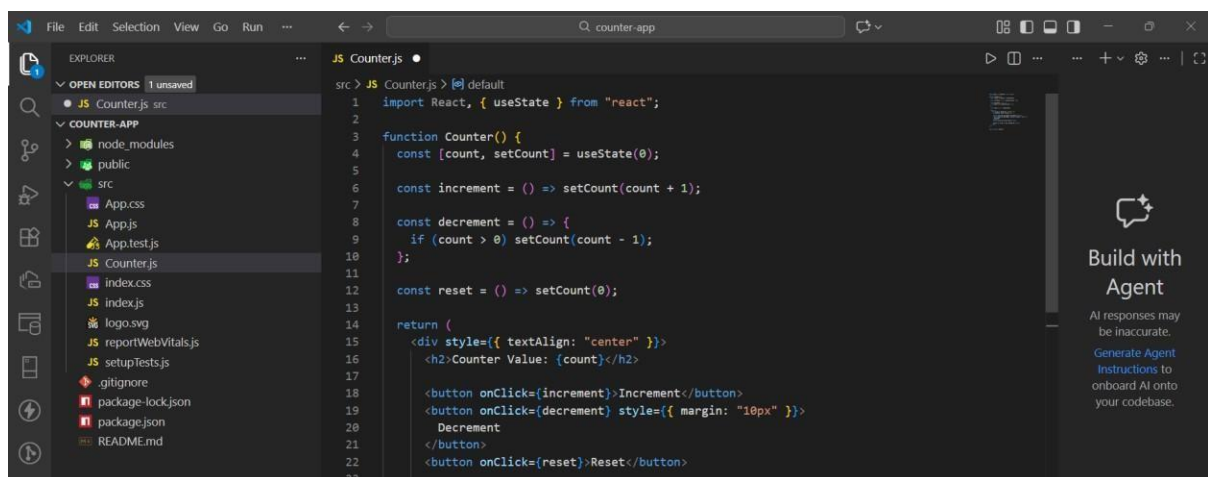
BATCH – 18

02 – 02 – 2026

LAB – PRACTICAL – 09

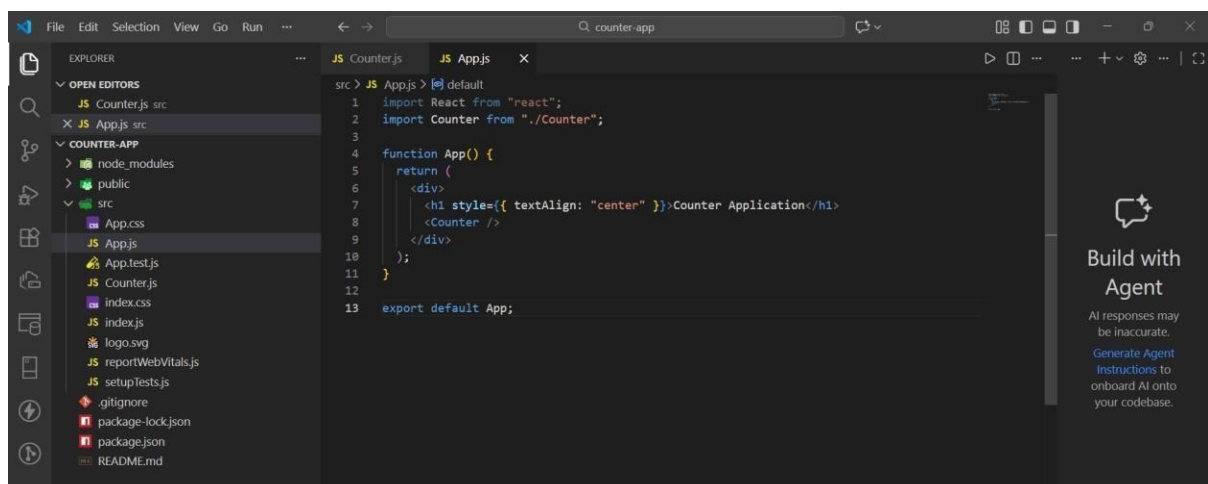
Counter Application :

Step – 01 : Code for Counter App.



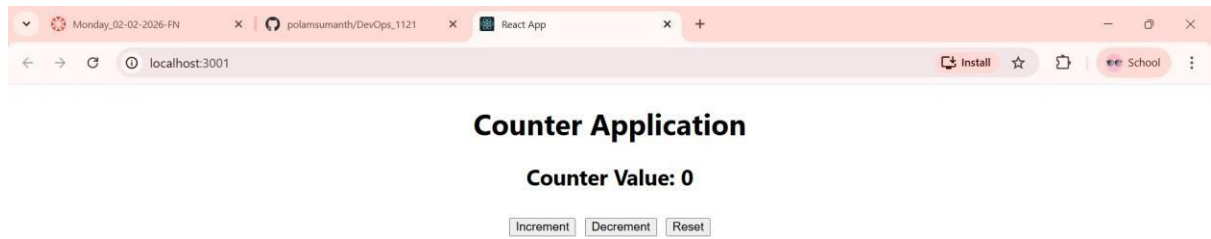
```
src > JS Counter.js > default
1  import React, { useState } from "react";
2
3  function Counter() {
4    const [count, setCount] = useState(0);
5
6    const increment = () => setCount(count + 1);
7
8    const decrement = () => {
9      if (count > 0) setCount(count - 1);
10   };
11
12   const reset = () => 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.

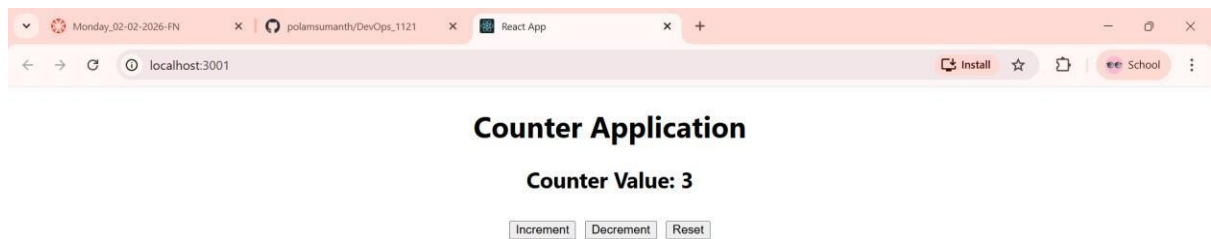


```
src > JS App.js > default
1  import React from "react";
2  import Counter from "../Counter";
3
4  function App() {
5    return (
6      <div>
7        <h1 style={{ textAlign: "center" }}>Counter Application</h1>
8        <Counter />
9      </div>
10    );
11  }
12
13  export default App;
```

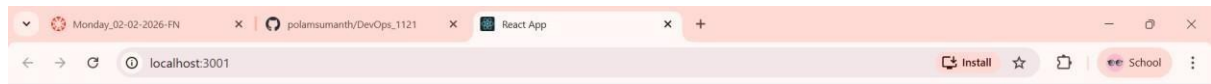
Step – 06: Opening The Application.



Step – 07: Incrementation.



Step – 08: Decrementation.

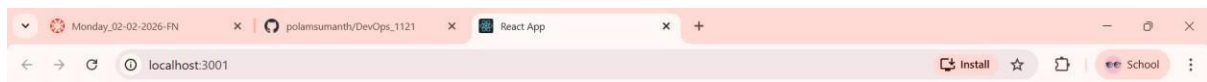


Counter Application

Counter Value: 1

Increment Decrement Reset

Step – 09: Reaching 10 Pop Up Message.



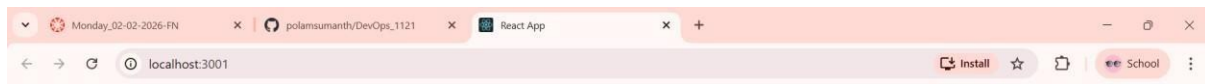
Counter Application

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!!