

DEVOPS AND FULLSTACK

School of Computer Science Engineering and Artificial Intelligence

Sai Thrishool

2303A51127

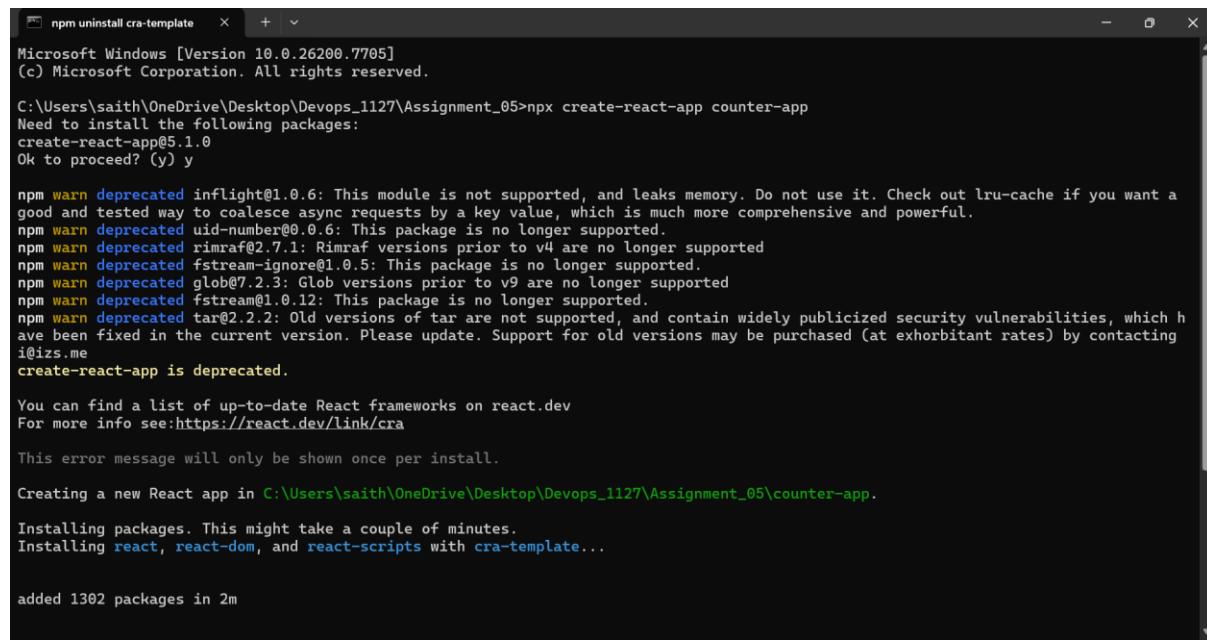
BATCH – 03

02 – 02 – 2026

LAB – PRACTICAL – 09

Counter Application :

Step – 01 : Installing Required Files.



```
npm uninstall cra-template
Microsoft Windows [Version 10.0.26200.7705]
(c) Microsoft Corporation. All rights reserved.

C:\Users\saith\OneDrive\Desktop\Devops_1127\Assignment_05>npx create-react-app counter-app
Need to install the following packages:
create-react-app@5.1.0
Ok to proceed? (y) y

npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated uid-number@0.0.6: This package is no longer supported.
npm warn deprecated rimraf@2.7.1: Rimraf versions prior to v4 are no longer supported
npm warn deprecated fstream-ignore@1.0.5: This package is no longer supported.
npm warn deprecated glob@07.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated fstream@1.0.12: This package is no longer supported.
npm warn deprecated tar@2.2.2: Old versions of tar are not supported, and contain widely publicized security vulnerabilities, which have been fixed in the current version. Please update. Support for old versions may be purchased (at exorbitant rates) by contacting i@izs.me
create-react-app is deprecated.

You can find a list of up-to-date React frameworks on react.dev
For more info see:https://react.dev/link/cra

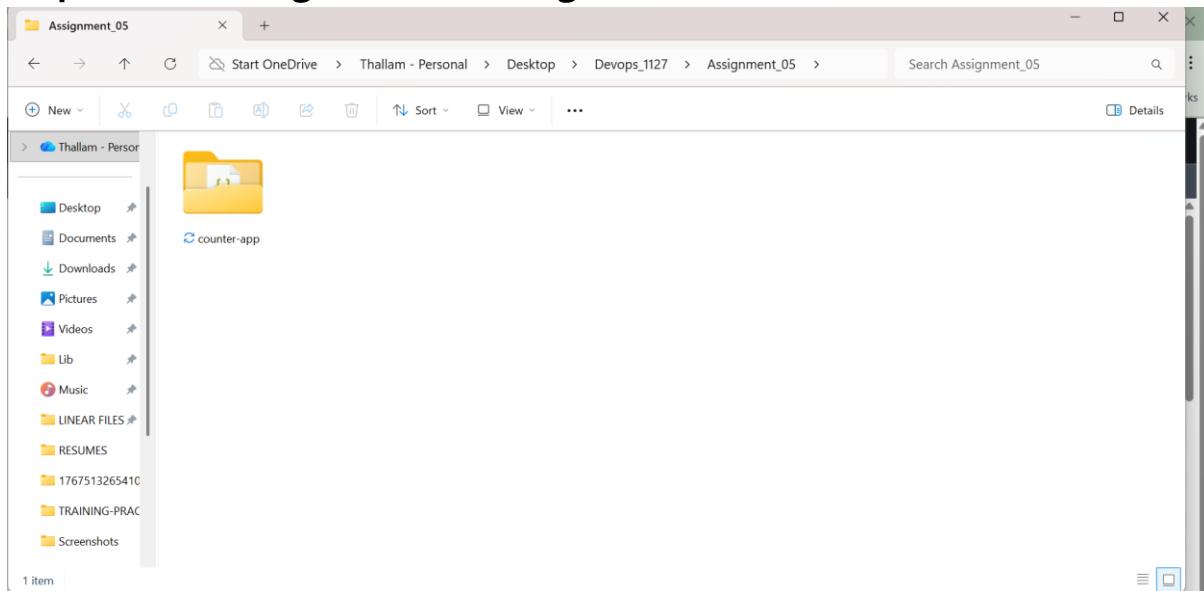
This error message will only be shown once per install.

Creating a new React app in C:\Users\saith\OneDrive\Desktop\Devops_1127\Assignment_05\counter-app.

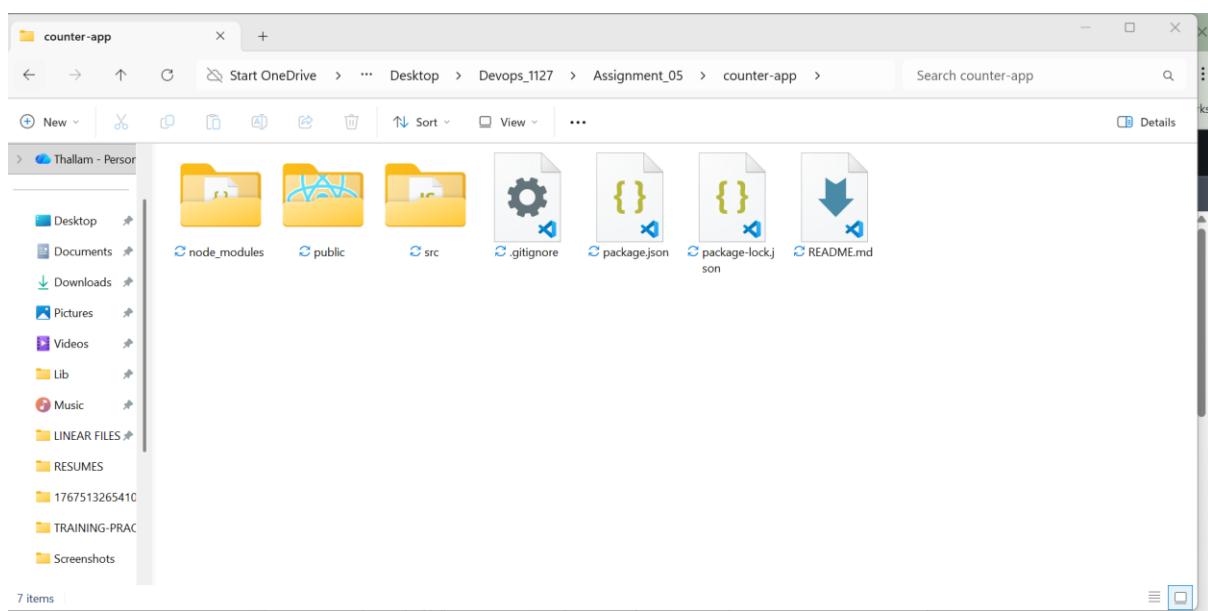
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1302 packages in 2m
```

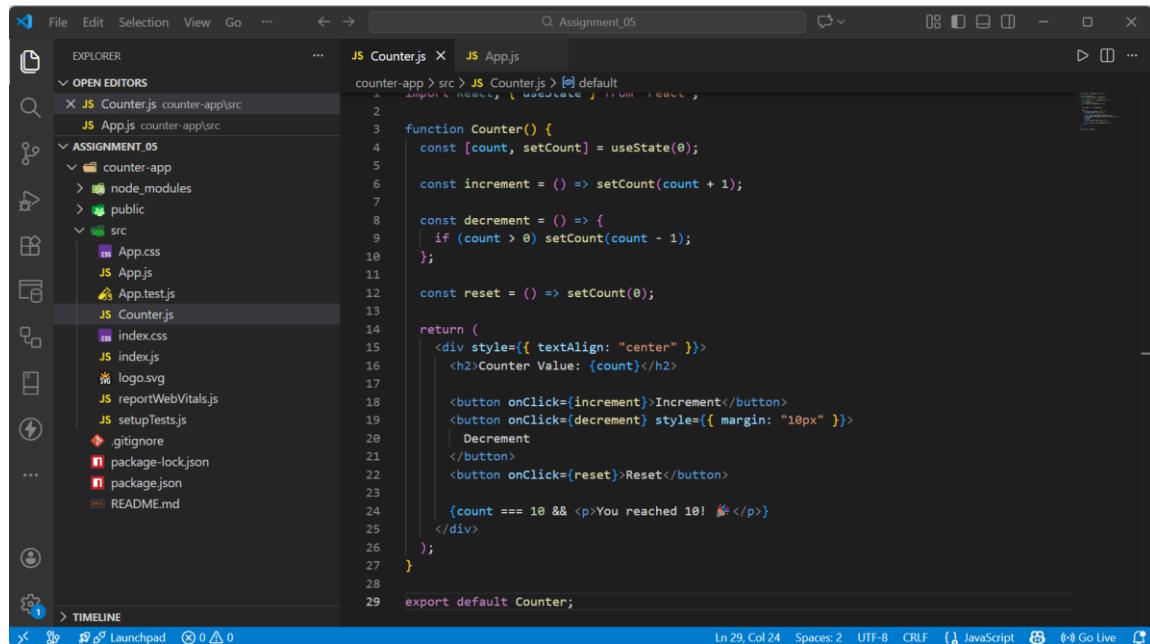
Step – 02 : Creating Folder For Assignment.



Step – 03 : Installed required Folders.



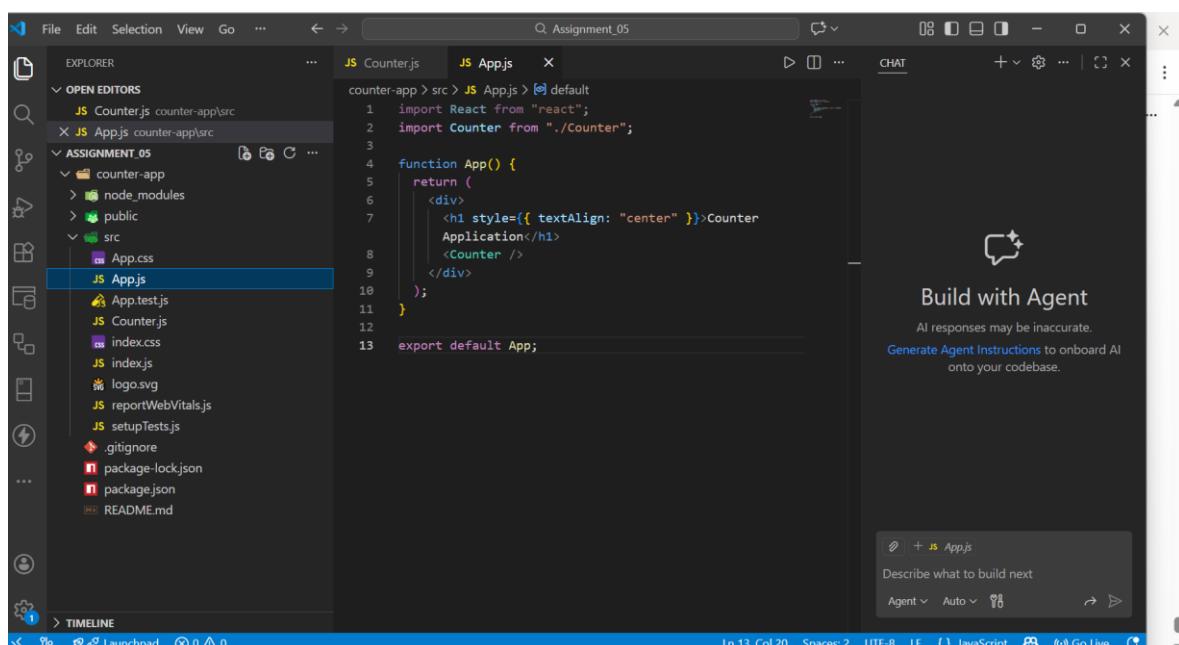
Step – 04 : Code for Counter App.



The screenshot shows the VS Code interface with the Counter.js file open in the editor. The code defines a Counter component that increments, decrements, and resets a count. It includes a conditional check for reaching 10 and displaying a message. The code is written in JavaScript and uses React components like `<div>`, `<h2>`, and `<button>`.

```
counter-app > src > JS Counter.js > default
1 import React 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
24       {count === 10 && <p>You reached 10! 🎉</p>}
25     </div>
26   );
27 }
28
29 export default Counter;
```

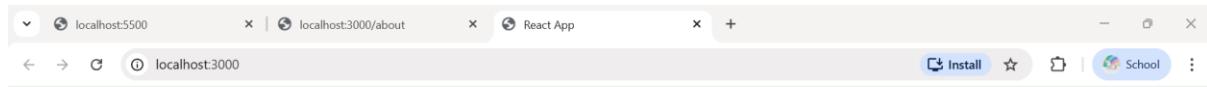
Step – 05: Code for App.



The screenshot shows the VS Code interface with the App.js file open in the editor. The code defines an App component that renders a Counter component. A sidebar on the right is titled "Build with Agent" and includes a text input field for describing what to build next. The code is written in JavaScript and uses React components like `<div>`, `<h1>`, and `<Counter>`.

```
counter-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
14 export default App;
```

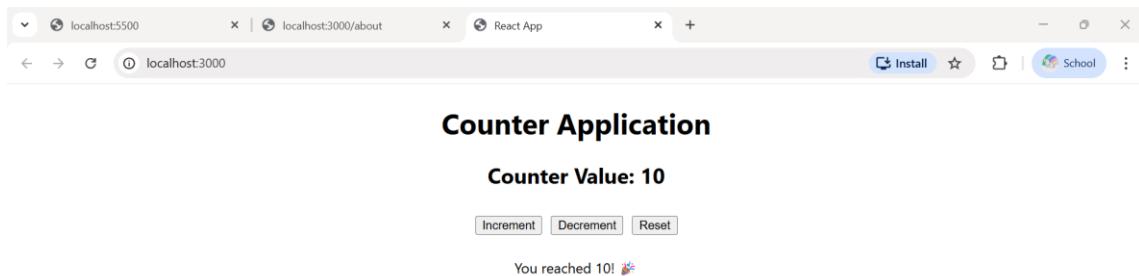
Step – 06: Opening The Application.



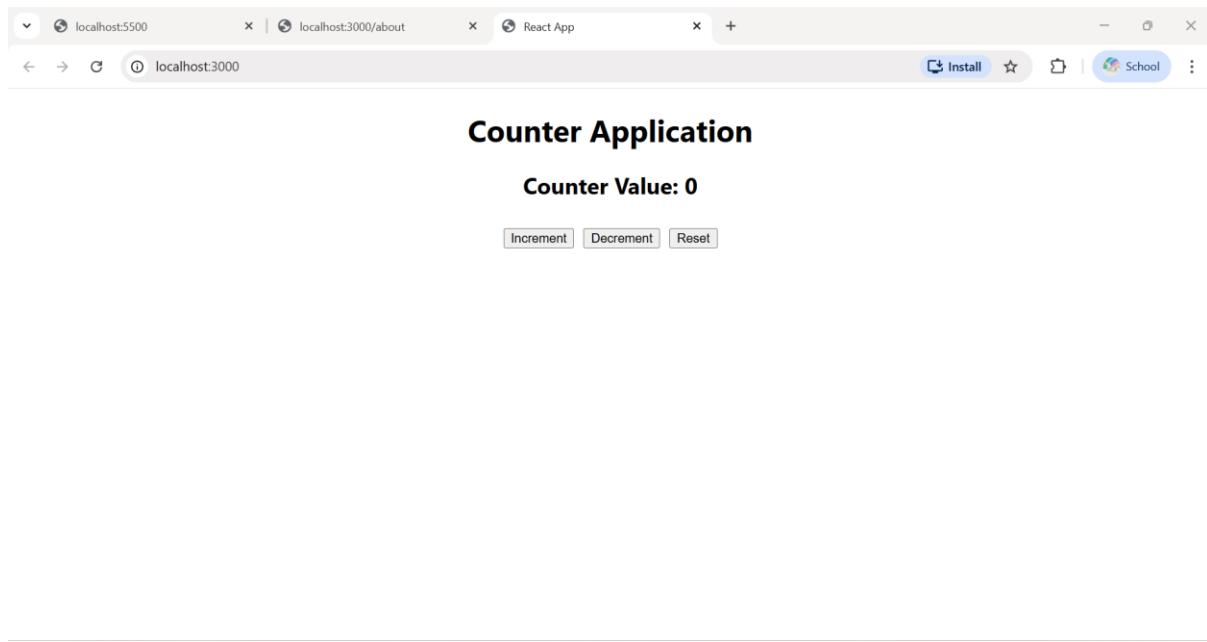
Counter Application

Counter Value: 0

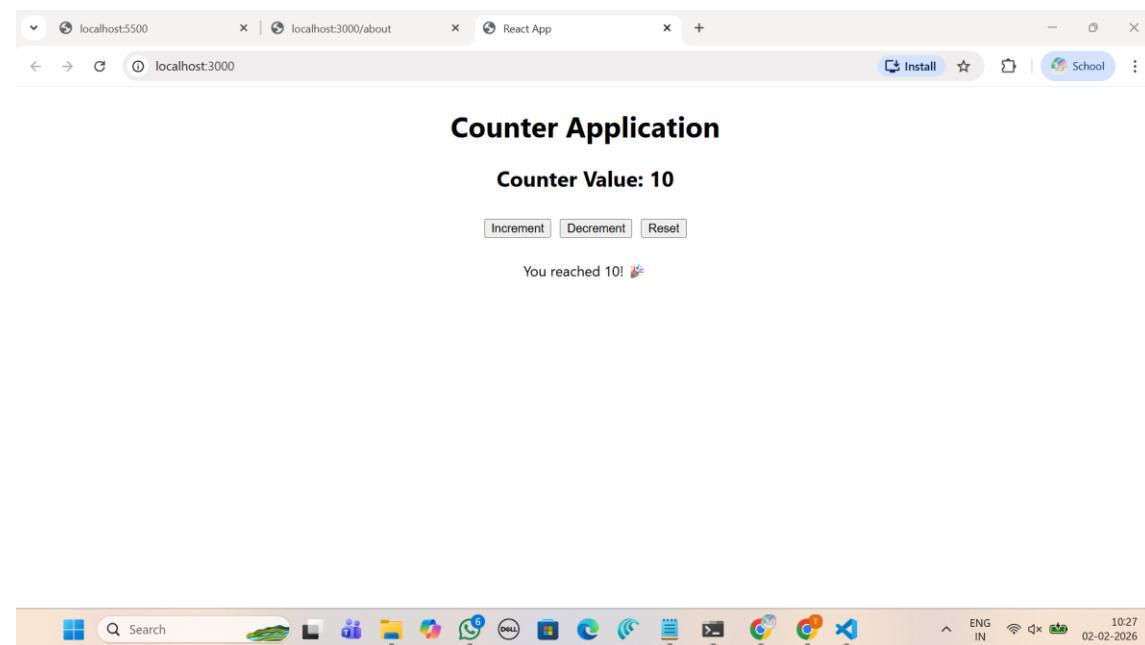
Step – 07: Incrementation.



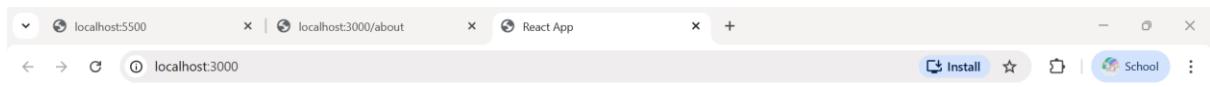
Step – 08: Decrementation.



Step – 09: Reaching 10 Pop Up Message.



Step – 10: Reset.



Counter Application

Counter Value: 0

[Increment](#) [Decrement](#) [Reset](#)

Step – 11: Successfully Implemented.

A screenshot of a Windows PowerShell window. The command 'webpack' was run, resulting in the following output:

```
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!!