

# DEVOPS AND FULLSTACK

## School of Computer Science Engineering and Artificial Intelligence

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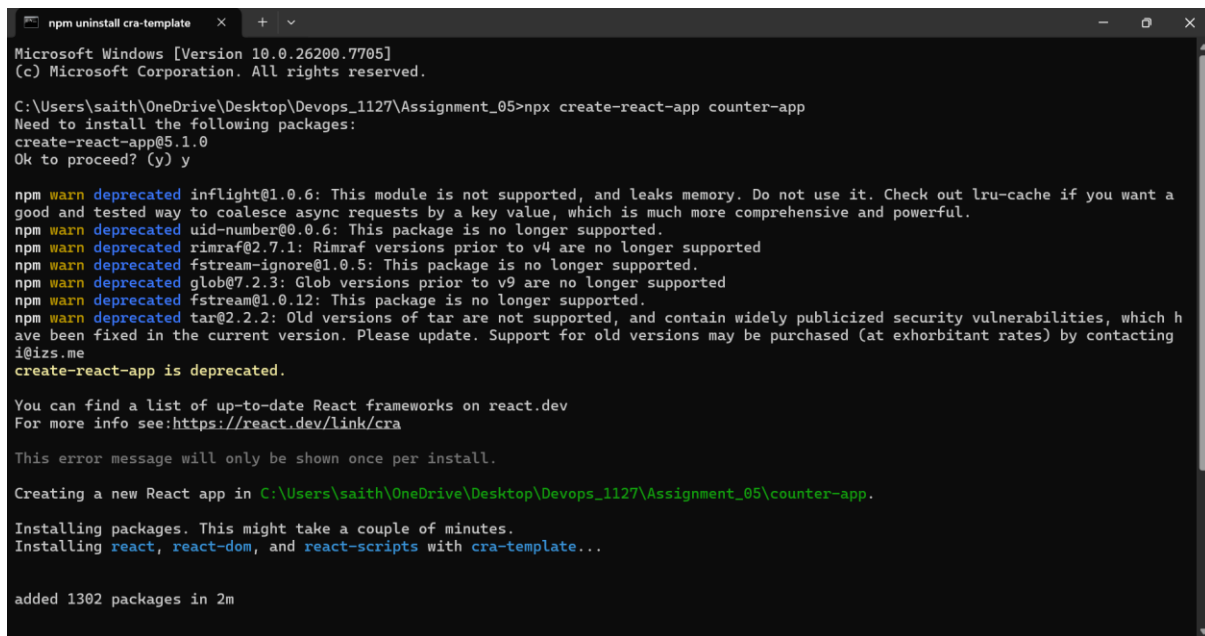
BATCH – 03

02 – 02 – 2026

### LAB – PRACTICAL – 09

## Counter Application :

### Step – 01 : Installing Required Files.



```
npm uninstall cra-template x + v
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@7.2.3: 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 h
ave been fixed in the current version. Please update. Support for old versions may be purchased (at exhorbitant 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

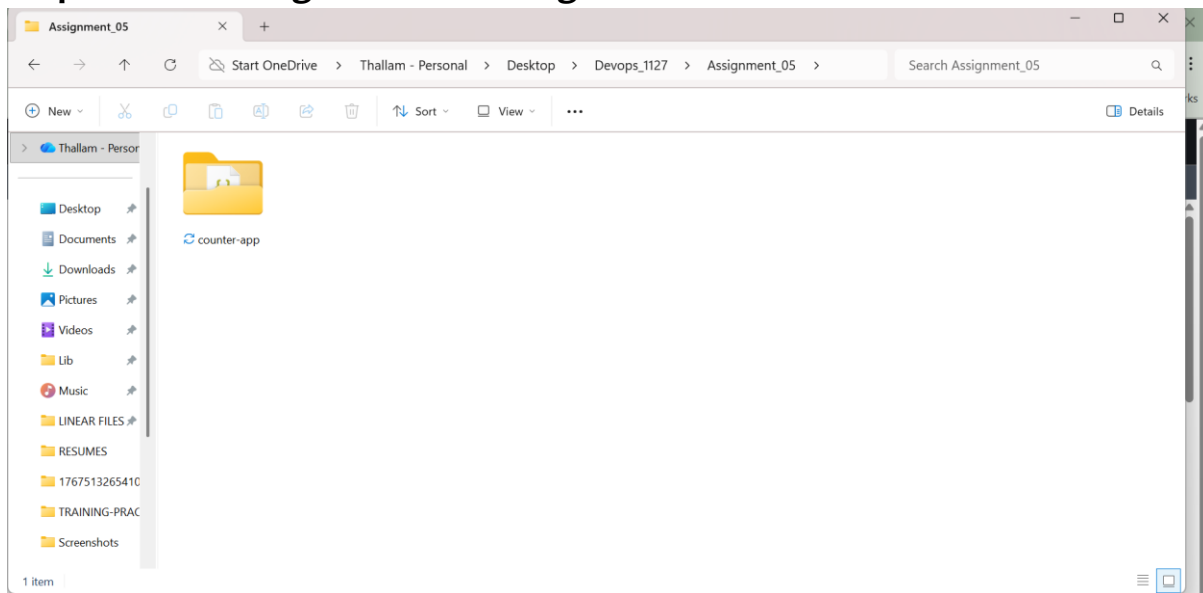
This error message will only be shown once per install.

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

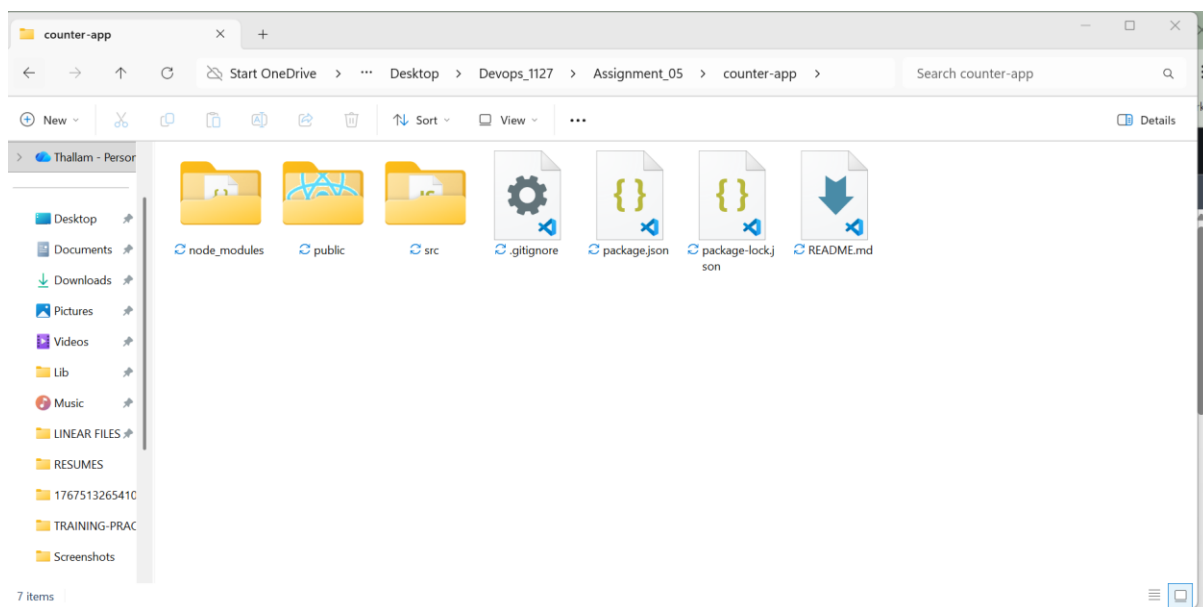
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1302 packages in 2m
```

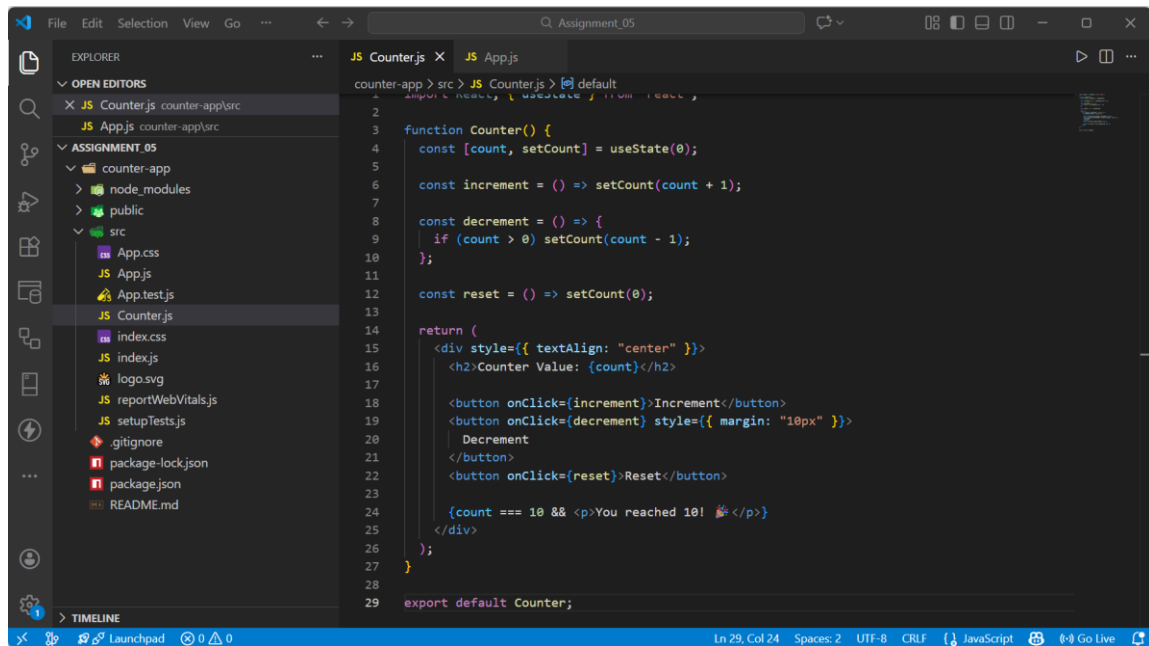
## Step – 02 : Creating Folder For Assignment.



## Step – 03 : Installed required Folders.

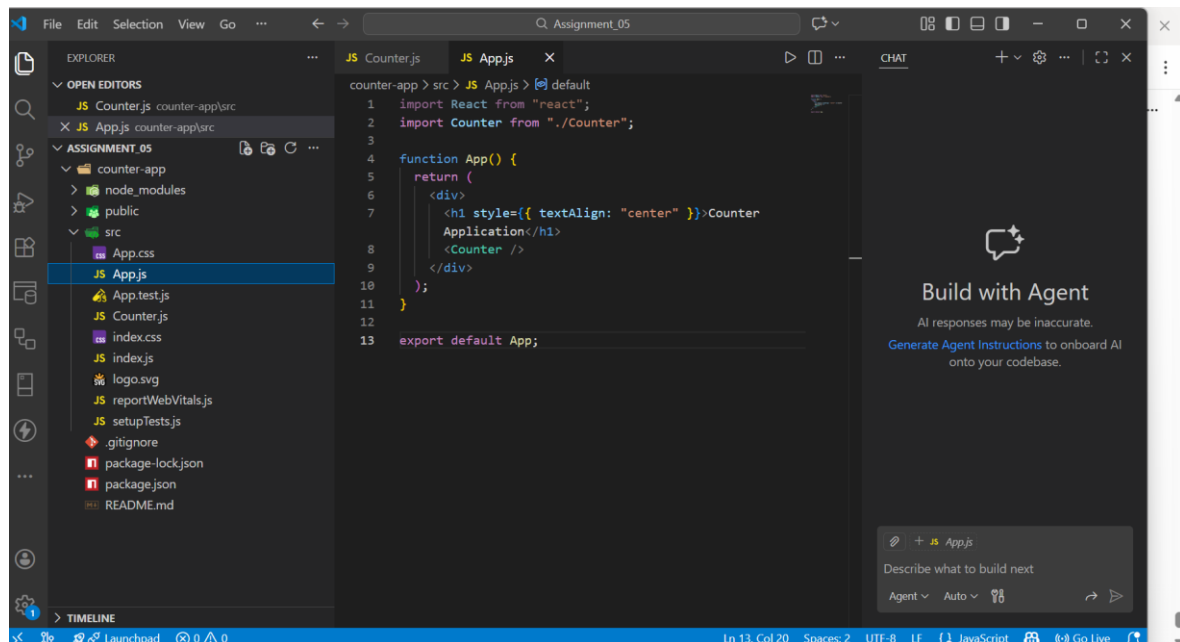


## Step – 04 : Code for Counter App.



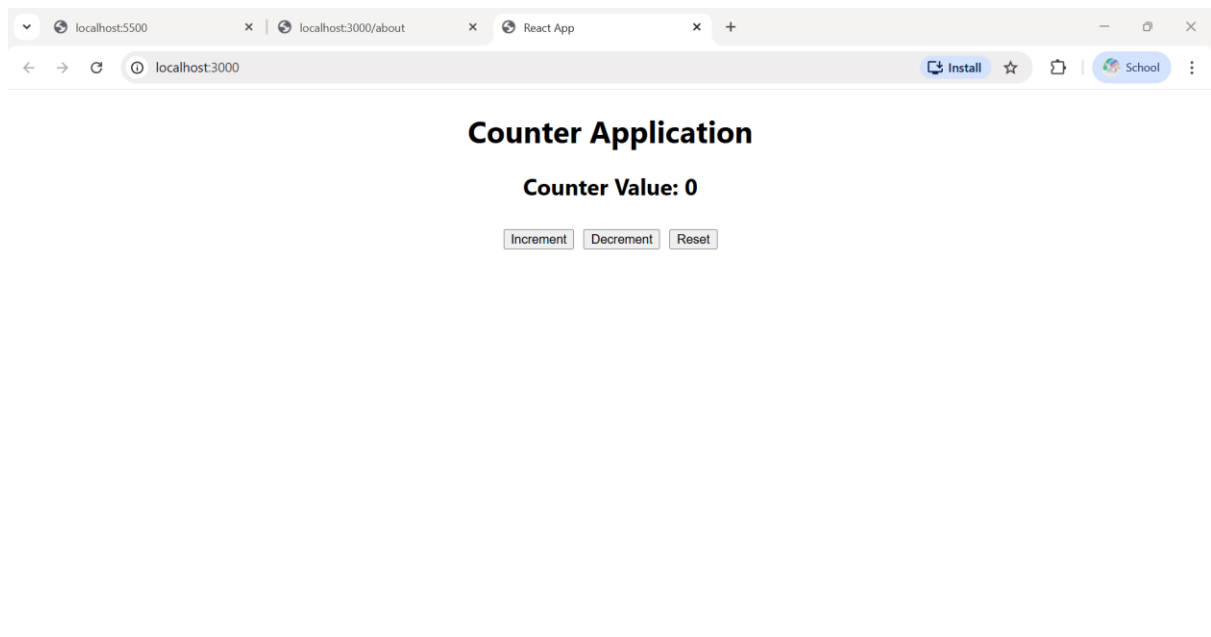
```
1  counter-app > src > JS Counter.js > default
2
3  function Counter() {
4    const [count, setCount] = useState(0);
5
6    const increment = () => setCount(count + 1);
7
8    const decrement = () => {
9      if (count > 0) setCount(count - 1);
10   };
11
12   const reset = () => setCount(0);
13
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.

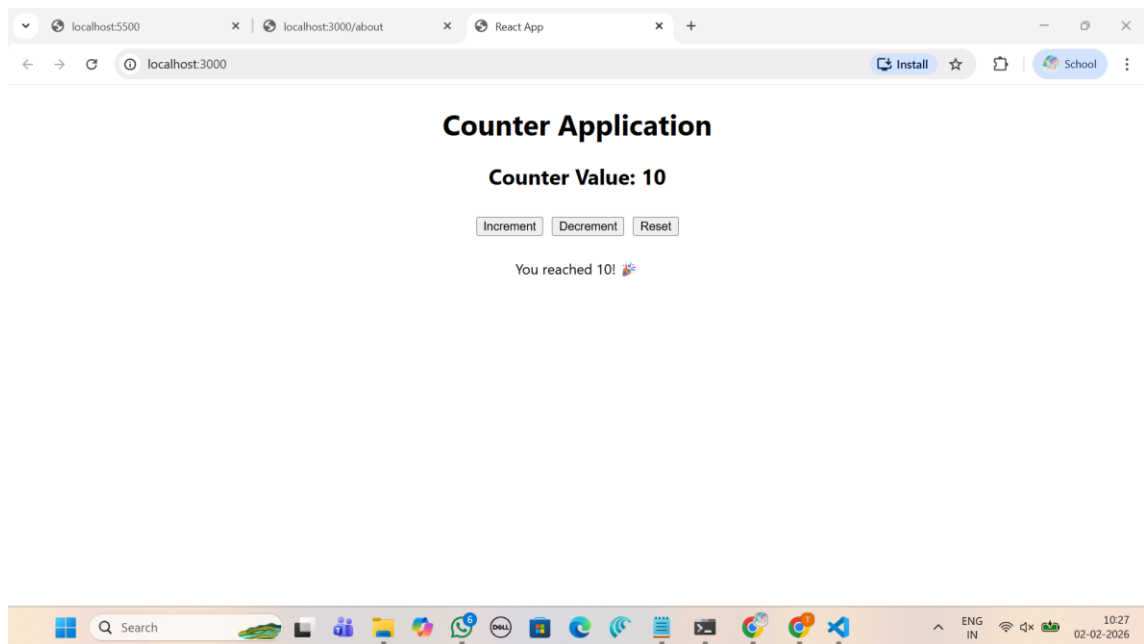


```
1  counter-app > src > JS App.js > default
2  import React from "react";
3  import Counter from "../Counter";
4
5  function App() {
6    return (
7      <div>
8        <h1 style={{ textAlign: "center" }}>Counter
9        Application</h1>
10       <Counter />
11     </div>
12   );
13 }
14
15 export default App;
```

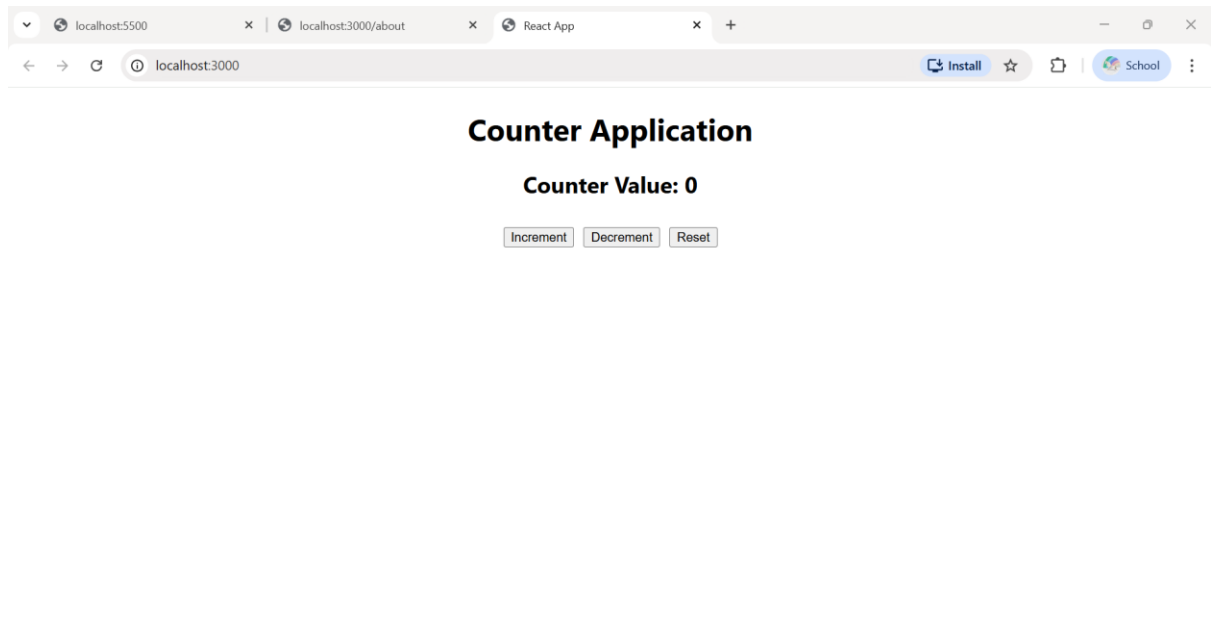
## Step – 06: Opening The Application.



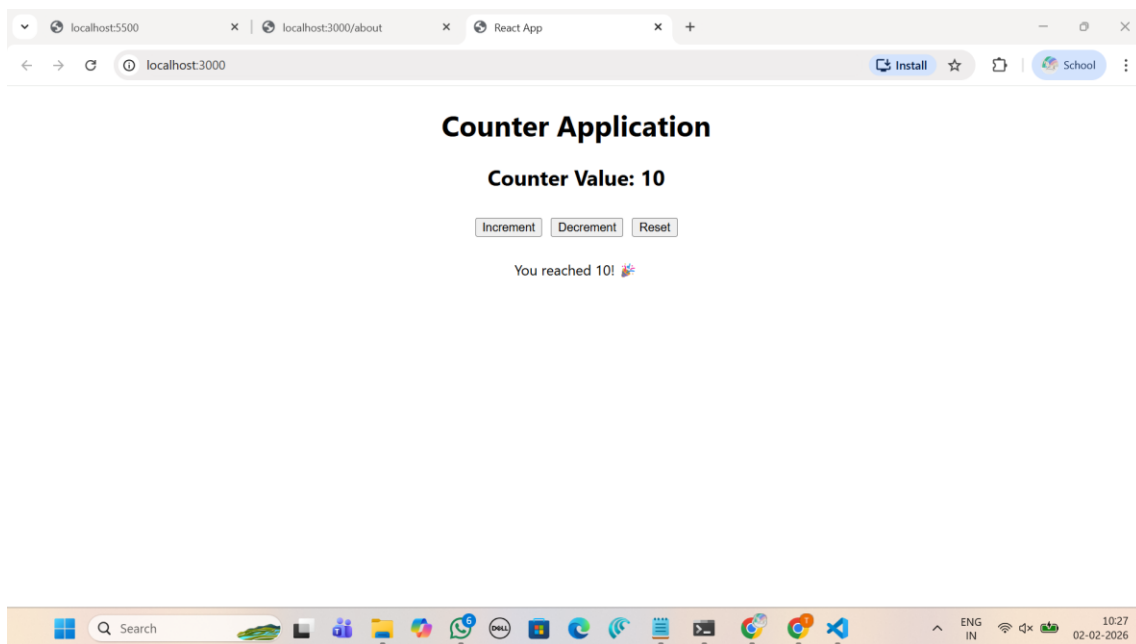
## Step – 07: Incrementation.



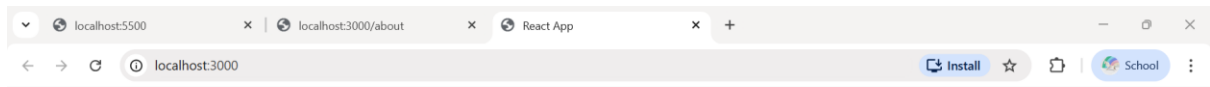
## Step – 08: Decrementation.



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



## Step – 10: Reset.



## Counter Application

Counter Value: 0

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!!**