


(Hook)

Usestate : anything that holds data and it will be changed in future possibly.

* npm - ^{globally} create-react-app installs react globally in entire system

now next time just write in cmd
create-react-app name

* npx create-react-app name
consume memory that much only where it is installed

* Vite (to install react)

* you cannot write hook in return
index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="theme-color" content="#000000" />
    <meta
      name="description"
      content="Web site created using create-react-app"
    />
    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
    <title>React App</title>
  </head>
  <body>
    <noscript>You need to enable JavaScript to run this app.</noscript>
    <div id="root"></div>
  </body>
</html>
```

App.js

```
import React, { useState } from "react";
function App() {
  const [count, setCount] = useState(0);
  const incrementCount = () => {
    setCount(count + 1);
  };
  const decreemtnCount = () => {
    setCount(count - 1);
  };
  return (
    <div className="counter">
      <h1>Counter App</h1>
      <div>{count}</div>
      <div className="button">
        <button onClick={incrementCount}>+</button>
        <button onClick={decreemtnCount}>-</button>
      </div>
    </div>
  );
}
export default App;
```

index.js

```
import React from "react";
import ReactDOM from "react-dom/client";
import "./index.css";
import App from "./App";

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```