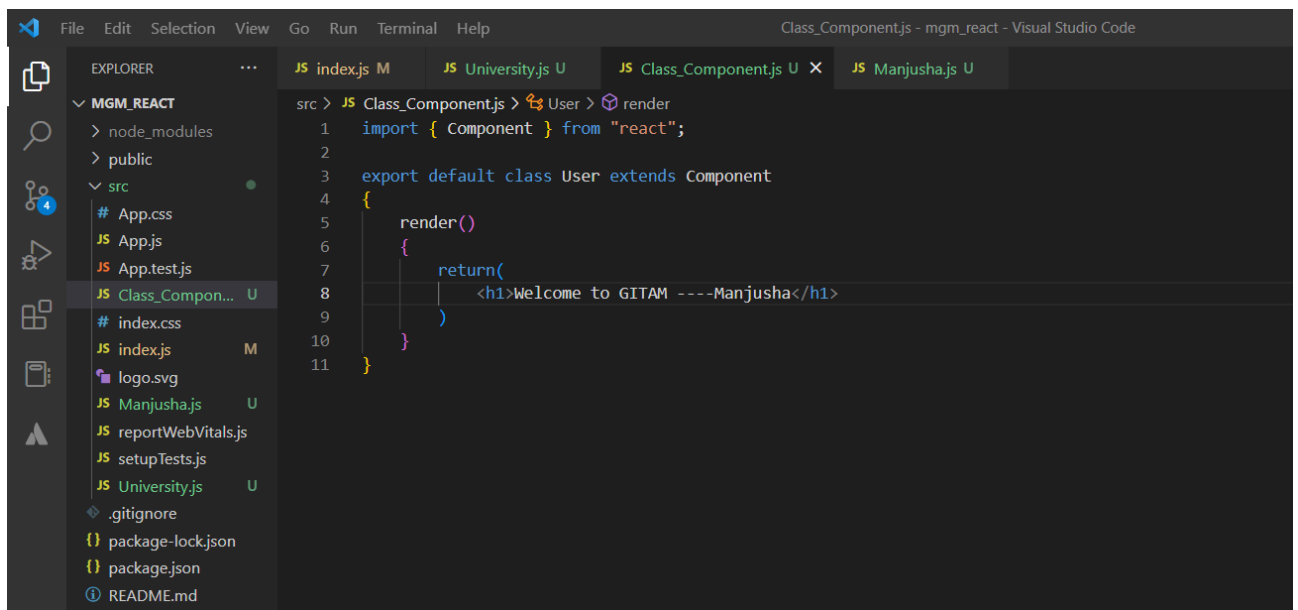REACT CLASS DAY-3

M.G.Manjusha

221910302037

CSE-2 IV year
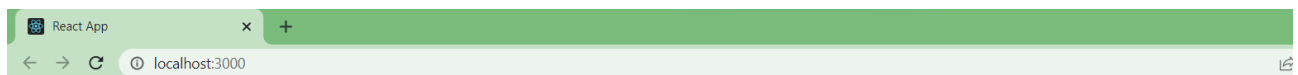
Components are independent and reusable bits of code. Components come in two types, Class components and Function components

1. Class component:

Output:

Welcome to GITAM ----Manjusha

Usage of variables:

Func.js:

```
function Func()
{
let data="Manjusha";
function Apple()
{
alert("Function Called");
}
return (
<div className="Func">
<h1>HelloWorld</h1>
<h1>{data}</h1>
<button onClick={Apple}> Click Me</button>
</div>
);
}
export default Func;
```

Index.js file: we call App.js

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Apps from './Day2/Apps'
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App/>
  </React.StrictMode>
);
```

App.js:

```
import Func from './Day3/Func'
import './App.css'
import FuninFun from './Day2/FuninFun'
function App()
{
    return(
        <div className='App'>
            <Func/>
        </div>
    )
}
export default App;
```

Ouput:

After clicking button:

2)

Apple,js :

```javascript
function Apple()
{
    let data="M.G.Manjusha"
    function Apple2()
    {
        data="GITAM";
        alert(data);
    }
    return(
        <div className="Apple">
            <h1>Hello World</h1>
            <h1>{data}</h1>
            <button onClick={Apple2}>Click Me</button>
        </div>
    )
```
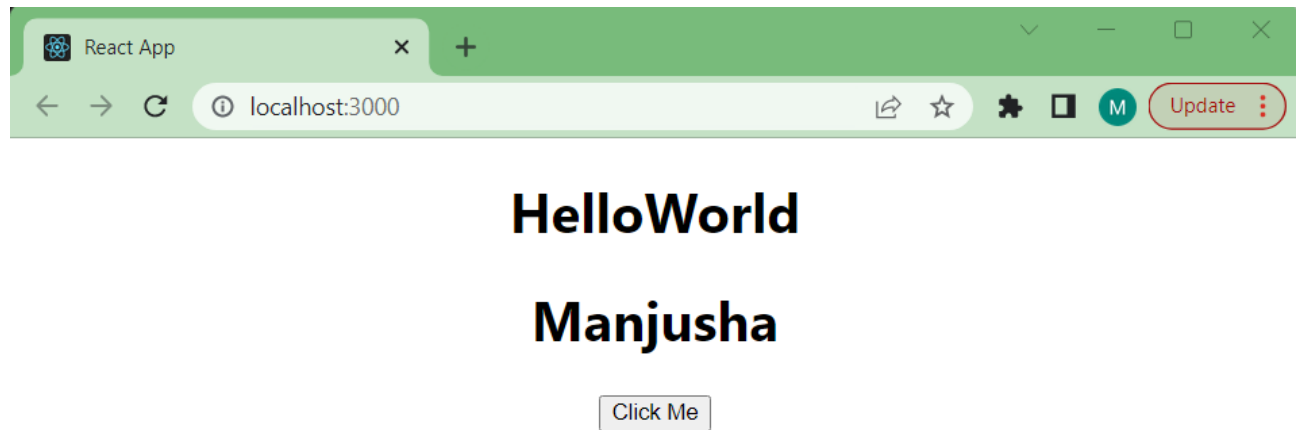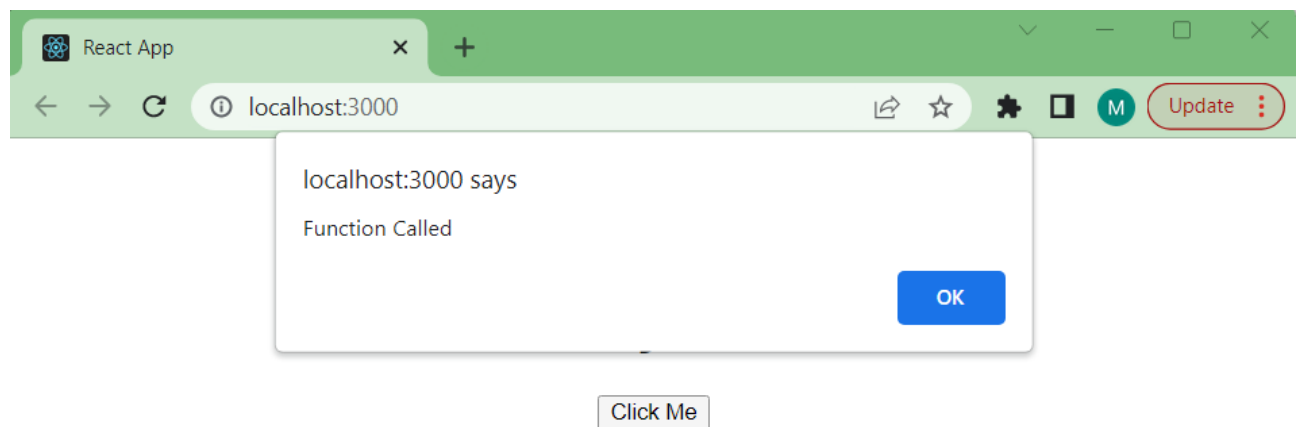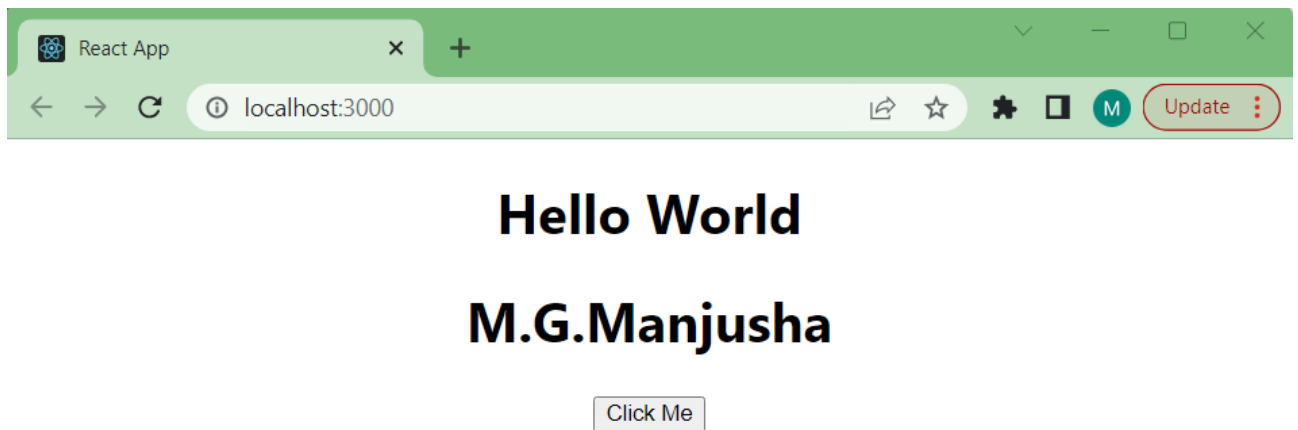
```
}
export default Apple;
```

App.js:

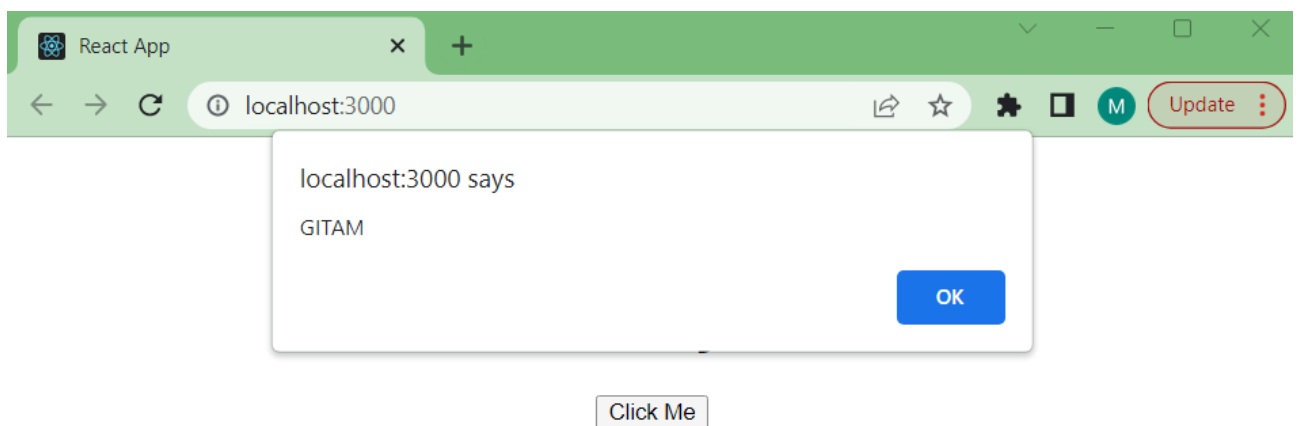```
import './App.css'
import Apple from './Day3/Apple'
function App()
{
    return(
        <div className='App'>
            <Apple/>
        </div>
)
}
export default App;
```

output:



After clicking button:

# Assignment-1

1. Create a class component called "GITAM" ,that class Component needs to print "WELCOME TO GITAM". Export that class component to App.js and execute the program.

GITAM2.js :

```javascript
import { Component } from "react";

class GITAM2 extends Component
{
    render()
    {
        return(
            <h1>Welcome to GITAM ----Manjusha(221910302037)</h1>
        )
    }
}
export default GITAM2;
```
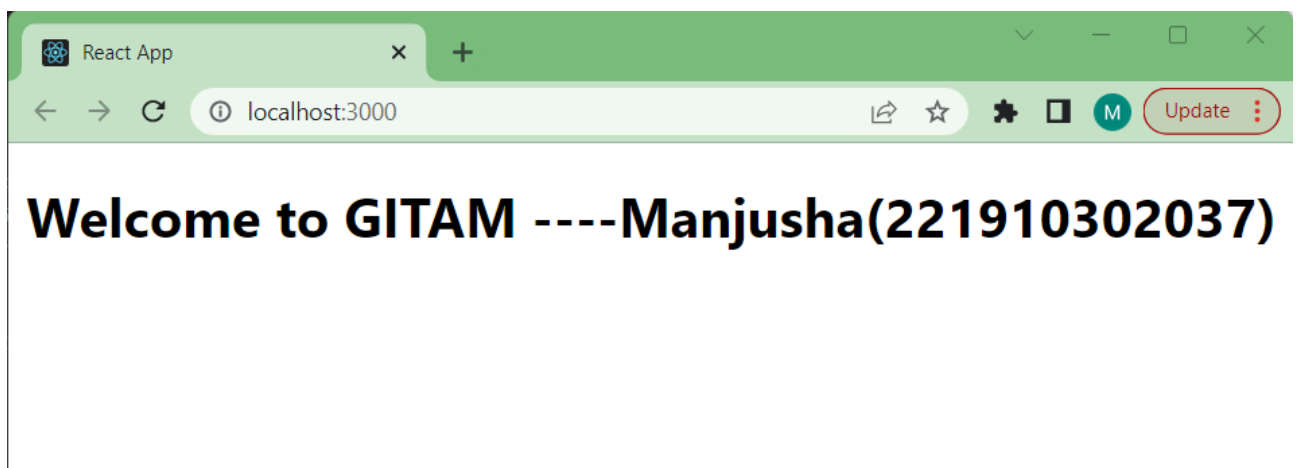
App.js :

```javascript
import './App.css'
import GITAM2 from './Day3/GITAM2'
function App()
{
    return(
        <div className='App'>
            <GITAM2/>
        </div>
    )
}
export default App;
```

Ouput:

2. In Apps2.js , inside the Apps2 function, create one function called Banana and it need to return your name. Create a button called GITAM, whenever GITAM is clicked, the function should be called.

Apps2.js:

```
function Apps2()
{
    function Banana()
    {
        return(
            alert("M.G.Manjusha")
        )
    }

    return(
        <div className="Apps2">
            <button onClick={Banana}>GITAM</button>
        </div>
    )

}
export default Apps2;
```
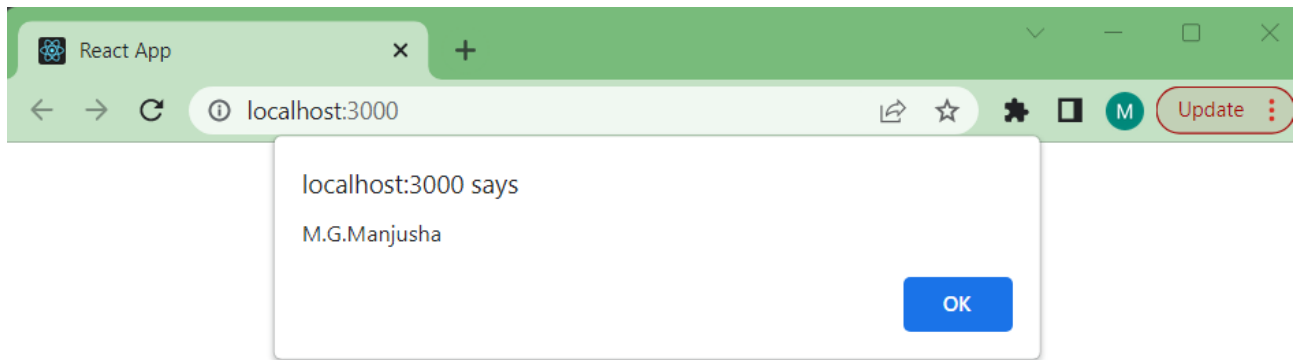
App.js:

```
import './App.css'
import Apps2 from './Day3/Apps2'
function App()
{
    return(
        <div className='App'>
            <Apps2/>
        </div>
    )
}
export default App;
```

Output:

After clicking button:

3. In Uni.js, create a variable item, pass the value UNIVERSITY to that variable and print the value of that variable to the output screen two times by using the variable.

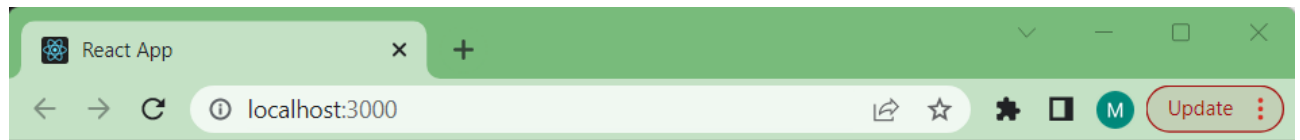Uni.js:

```
function Uni()
{
    let data="UNIVERSITY"
    return(
        <div className="Uni">
            <h1>{data}</h1>
            <h1>{data}</h1>
        </div>
    )
}
export default Uni;
```

App.js:

```
import './App.css'
import Uni from './Day3/Uni'
function App()
{
    return(
        <div className='App'>
            <Uni/>
        </div>
    )
}
export default App;
```

Output:

UNIVERSITY

UNIVERSITY