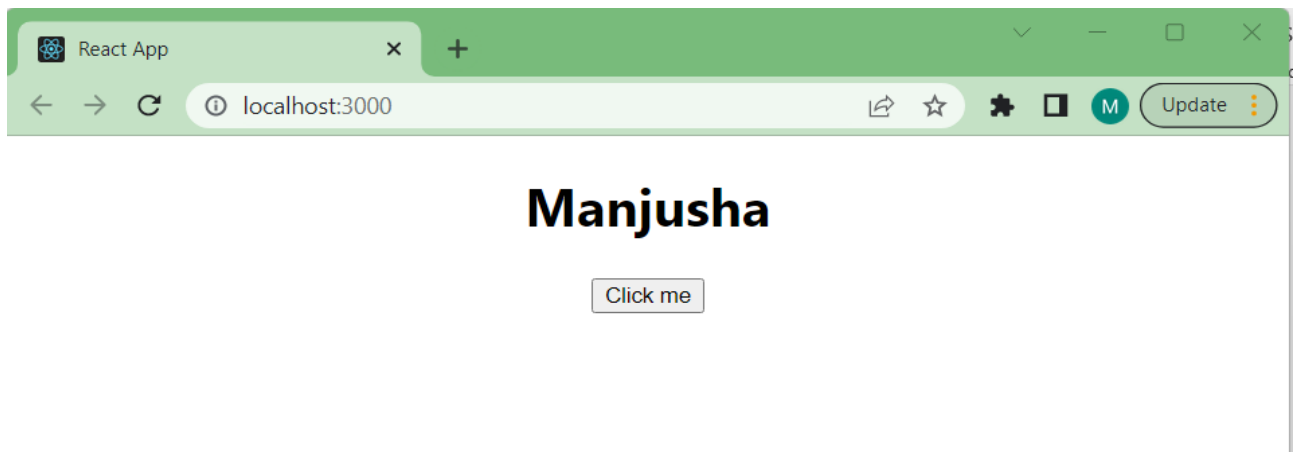


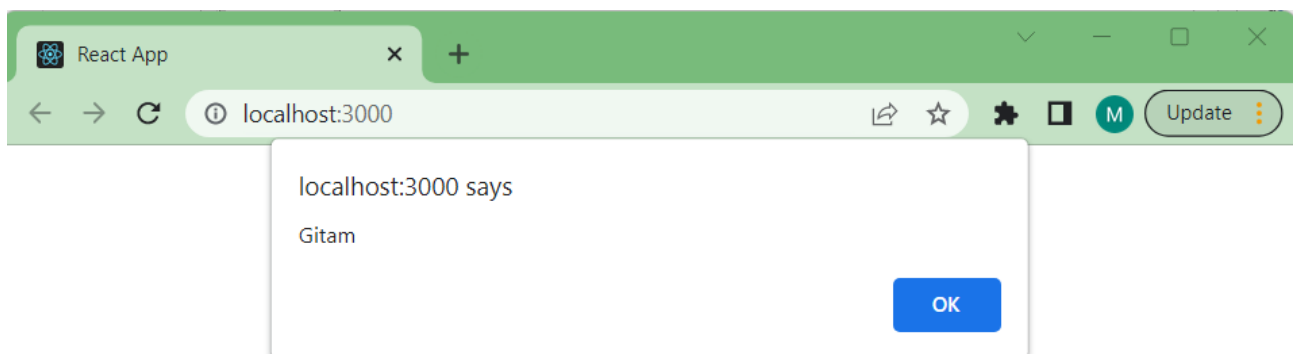
# REACT TRAINING DAY 4

## 1. Program explaining the drawback of using Variables

```
function App() {  
  
  let data="Manjusha";  
  function updateData()  
  {  
    data="Gitam";  
    alert(data);  
  }  
  return(  
    <div className="App">  
      <h1>{data}</h1>  
      <button onClick={updateData}Update Data>Click me</button>  
    </div>  
  );  
}  
export default App;
```

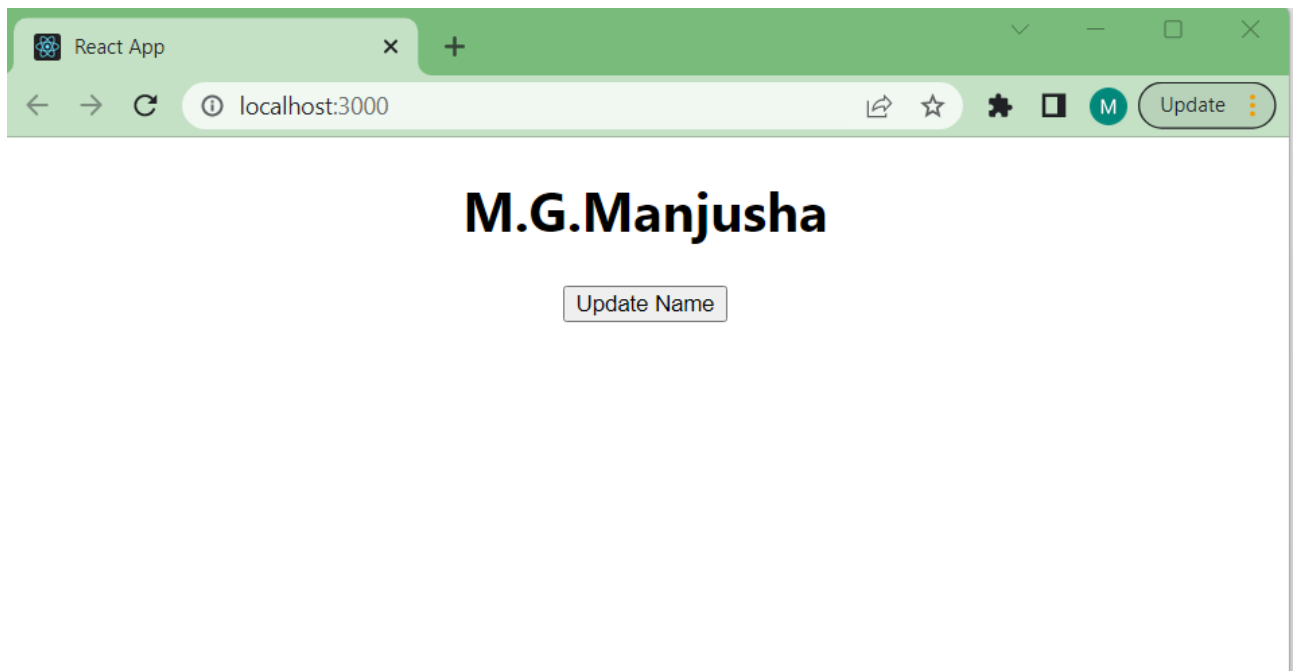


After Clicking the 'Click me' button:

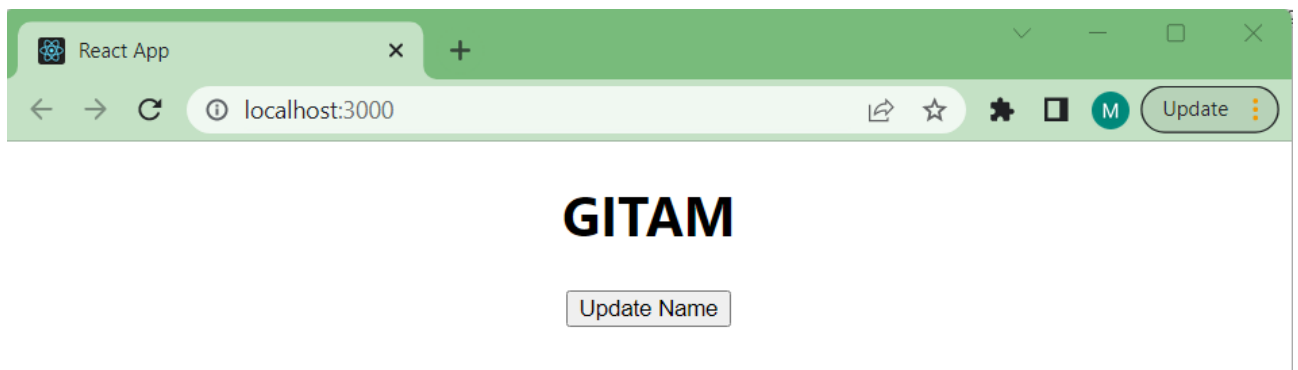


Program explaining the concept of using State in Functional Component

```
function App() {  
  const[data,setData] = useState("M.G.Manjusha")  
  function updateData()  
  {  
    setData('GITAM');  
  }  
  return(  
    <div className="App">  
      <h1>{data}</h1>  
      <button onClick={updateData}>Update Name</button>  
    </div>  
  )  
}  
export default App;
```



After Clicking the button:



Program explaining the concept of using State in Class Component

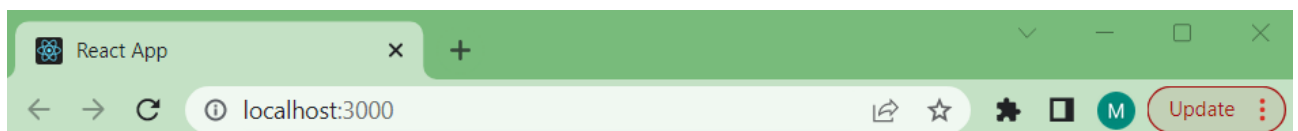
```
//program 3
import React,{Component} from 'react'
class App extends Component
{
  constructor()
  {
    super();
    this.state={data:1}
  }
  render()
  {
    return(
      <div className="App">
        <h1>{this.state.data}</h1>
        <button onClick={()=>this.Apple()}>Update Data</button>
      </div>
    );
  }
  Apple()
  {
    this.setState({data:this.state.data+1})
  }
}
export default App;
```



1

Update Data

After clicking the button:



2

Update Data

## Assignment – 2

Q1. Declare a variable called GITAM and initially pass the value as your "name" to GITAM .declare a function called Assignment2 in App function. In that Assignment2 function,update the value of GITAM to Assignment3 . In function App ,display the value of GITAM and create a Button called "YourName\_Assignment". When that button is clicked , it needs to display the Assignment3 and updated value of GITAM(by using state in Functional Component).

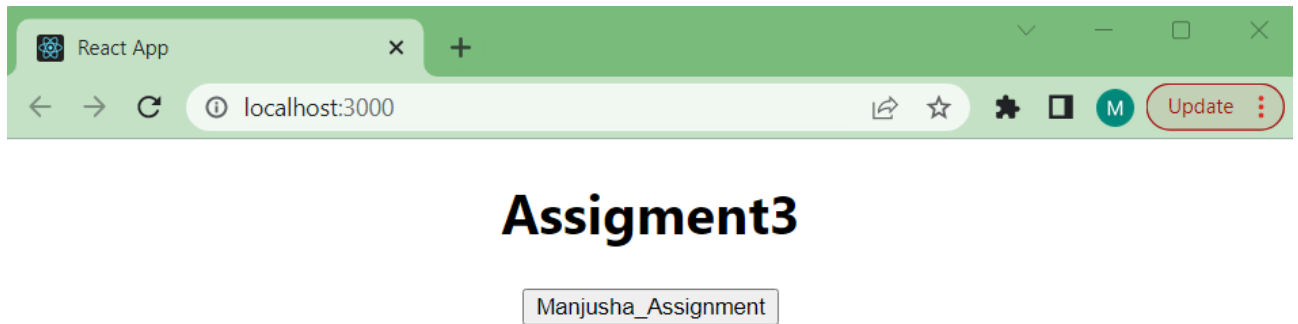
Code:

```
//assignment2 q1
function App()
{
  const[GITAM,setData]=useState("Manjusha");
  function Assignment2()
  {
    setData("Assignment3");
  }
  return (
    <div className="App">
      <h1>{GITAM}</h1>
      <button onClick={Assignment2}>Manjusha_Assignment</button>
    </div>
  );
}
export default App;
```

Output:



After clicking the button:



Q2. Declare a variable called GITAM\_PinNumber and initially pass the value as your "name" to GITAM .declare a function called Assignment2\_PinNumber in App function. In that Assignment2 function, update the value of GITAM to Assignment3\_PinNumber . In function App ,display the value of GITAM and create a Button called "YourName\_Assignment". When that button is clicked ,it needs to display the Assignment3 and updated value of GITAM(by using state in Class Component).

Code:

```
import React,{Component} from 'react'

class App extends Component
{
  constructor()
  {
    super();
    this.state={GITAM_221910302037:"Manjusha"}
  }
  Assignment2_221910302037()
  {
    this.setState({GITAM_221910302037:"Assignment3_221910302037"});
  }
  render()
  {
    return(
      <div className='App'>
        <h1>{this.state.GITAM_221910302037}</h1>
        <button
onClick={()=>this.Assignment2_221910302037()}>Manjusha_assignment</button>
      </div>
    )
  }
}

export default App;
```

Output:



After clicking button:

