Assignment No	17
Title	Create class component
Objective	A) Message Component to change message B) AddMultiply Component to perform Add & Multiplication
Roll No	MCA2511

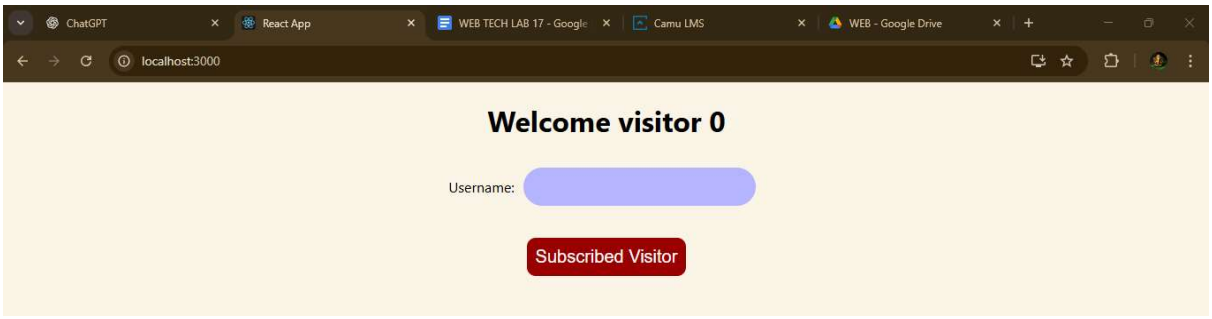
A) Message Component to change message.

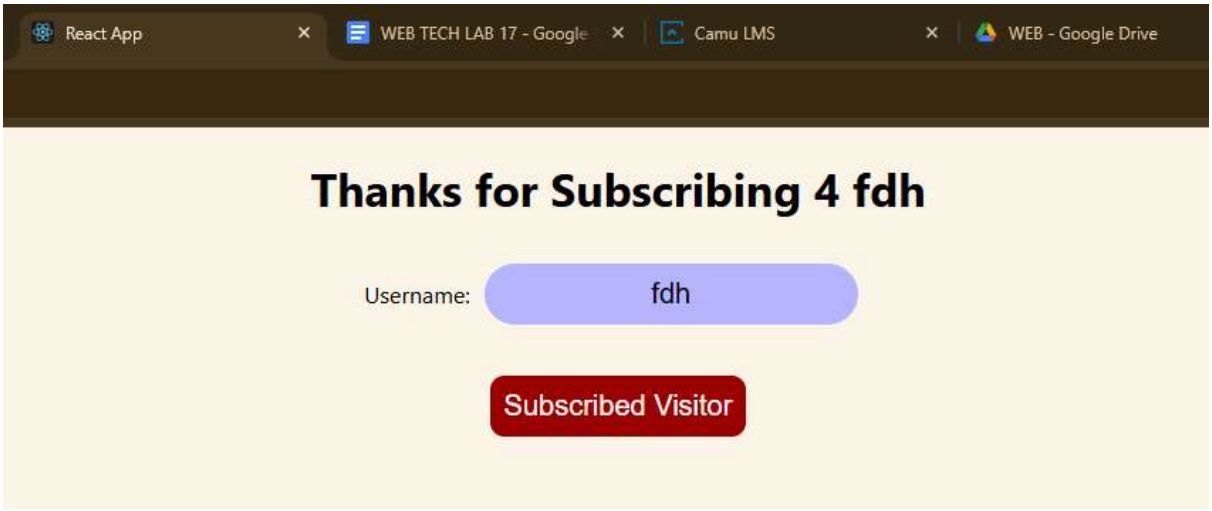
Message.js

```
import React, {Component} from 'react'
class Message extends Component {
    constructor() {
        super()
        this.state ={
            message : 'Welcome visitor',
            visitor : 0,
            username: ''
        }
    }
    changeMessage() {
        if(this.state.visitor < 10)
            this.setState({visitor: this.state.visitor + 1})
        this.setState({message: "Thanks for Subscribing "})
    }
    render() {
        return (
        <div>
            <h1>{this.state.message} {this.state.visitor}
{this.state.username}</h1>
            <p>Username:
                <input type='text' onChange={(e) =>
this.setState({username: e.target.value})}
value={this.state.username}></input>
            </p>
```

```
            <button onClick={this.changeMessage.bind(this)}>Subscribed
Visitor</button>
        </div>
        )
    }
}

export default Message;
```

Output:





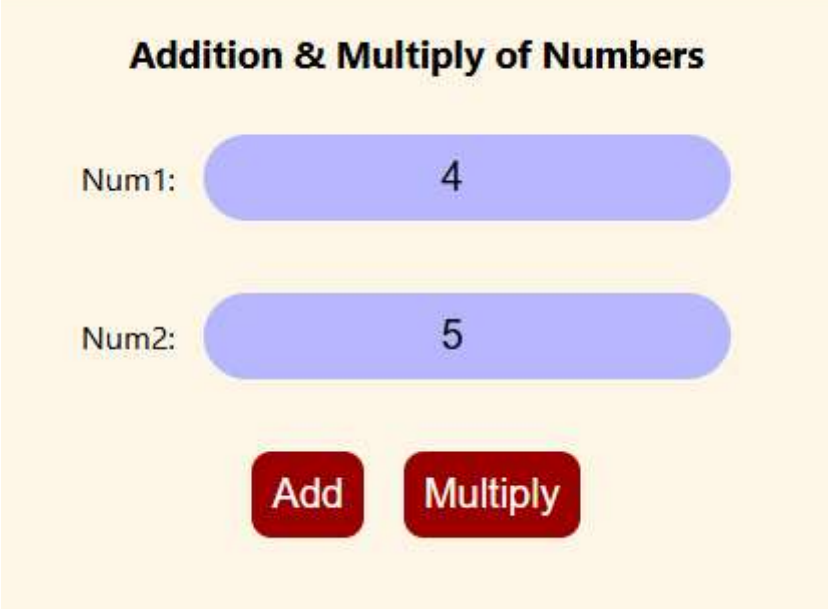
B) AddMultiply Component to perform Add & Multiplication.

AddMultiply.js

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

class AddMultiply extends Component {
    constructor(props) {
        super(props);
        this.state = {Num1: '', Num2: ''};
    }
    Add = () => {
        var n1 = parseFloat(this.state.Num1);
        var n2 = parseFloat(this.state.Num2);
        var ans = n1 + n2;
        alert(ans);
    }
    Mult = () => {
        var n1 = parseFloat(this.state.Num1);
        var n2 = parseFloat(this.state.Num2);
        var ans = n1 * n2;
        alert(ans);
    }
    render() {
        return (
            <div>
                <h3>Addition & Multiply of Numbers</h3>
                <p>Num1: <input type='number' onChange={(e) =>
this.setState({Num1: e.target.value})} value={this.state.Num1} /></p>
                <p>Num2: <input type='number' onChange={(e) =>
this.setState({Num2: e.target.value})} value={this.state.Num2} /></p>

                <div>
                    <button class='button'
onClick={this.Add}>Add</button>
                    <button class='button'
onClick={this.Mult}>Multiply</button>
                </div>

            </div>
        )
    }
```

```
}

export default AddMultiply;
```

Output:



index.js

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

import'./App.css';
import Message from './Components/Message';
import AddMultiply from './Components/AddMultiply'

import reportWebVitals from './reportWebVitals';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
      <Message></Message>
      <AddMultiply></AddMultiply>
  </React.StrictMode>
);

// If you want to start measuring performance in your app, pass a
function
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more:
https://bit.ly/CRA-vitals
reportWebVitals();
```

App.css

```css
* {
  text-align: center;
}

input {
  font-size: 20px;
  border: 0px solid black;
  border-radius: 30px;
  padding: 10px;
  margin: 10px;
  background: rgb(183, 183, 255);
  cursor: pointer;
}

button {
  font-size: 20px;
  border: 0px;
  border-radius: 10px;
  padding: 10px;
  margin: 10px;
  background: rgb(155, 0, 0);
  color: white;
  cursor: pointer;
}
```