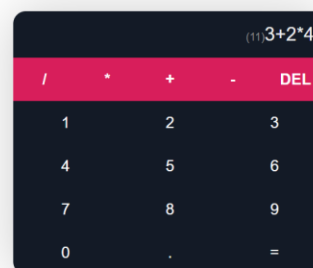
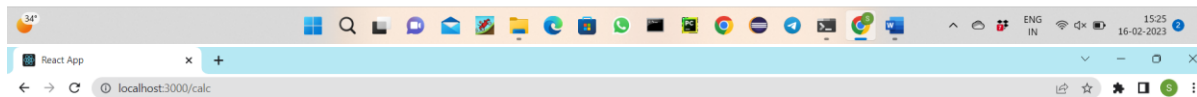
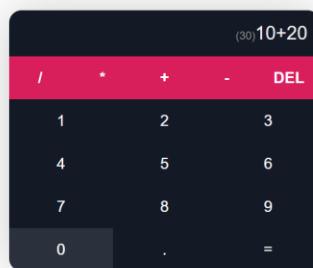
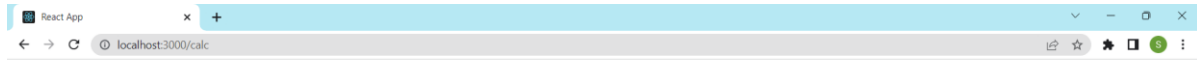


SKILL-2

ID: 2100031023

Name: S Likith Sai Reddy

OUTPUT:



App.js

```
// import logo from './logo.jpg';
// import klu from './klu.png';
import './App.css';
import Id from './components/Id';
import Calcc from './components/Calcc';
import { BrowserRouter, Routes, Route } from 'react-router-dom'; //npm i
react-router-dom to install react-router-dom package in client cmd
//BrowserRouter, Routes and Route are used to route from one page to another
like from signup to login etc.
import { Container, Toolbar, AppBar } from '@material-ui/core'; //npm i
@material-ui/core --force to install @material-ui/core package in client cmd

function App() {
  // function opetarion(){
  //   let vl=document.getElementById("Value");
  //   vl.value="1";
  // }
  return(
    <div className="App">

      <div className='App-body'>
        <BrowserRouter>
          <Routes>
            <Route path="/" element={<Id />} />
            <Route path="/calc" element={<Calcc />} />
          </Routes>
        </BrowserRouter>
        { /* <div className='App-calc'>
          <div>
            <input id="Value" className='App-inputval' type="text"
name='value' />
          </div>
          <div>
            <button className='App-plus' onSubmit={opetarion}>1</button>
            <button className='App-plus'>2</button>
            <button className='App-plus'>3</button>
            <button className='App-plus'>+</button>
          </div>
          <div>
            <button className='App-plus'>4</button>
            <button className='App-plus'>5</button>
            <button className='App-plus'>6</button>
            <button className='App-plus'>-</button>
          </div>
          <div>
            <button className='App-plus'>7</button>
```

```

        <button className='App-plus'>8</button>
        <button className='App-plus'>9</button>
        <button className='App-plus'>/</button>
      </div>
      <div>
        <button className='App-zero'>0</button>
        <button className='App-plus'>*</button>
      </div>
    </div> */}
  </div>
</div>

);
}

export default App;

```

App.css:

```

.App {
  text-align: center;
}

.App-logo {
  height: 20vmin;
  pointer-events: none;
}

.App-klu {
  height: 50px;
  width: 150px;
  pointer-events: none;
  margin-left: 80px;
  border-radius: 30px;
  margin-right: 5px;
  margin-bottom: 10px;
}

.App-kl{
  display: flex;
  flex-direction: row;
  align-items: center;
  text-align: center;
}

```

```
/* .App-header {
  background-color: #282c34;
  min-height: 20vh;
  display: flex;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: white;
} */

.App-Header{
  font-size: 20px;
  margin-bottom: 10px;
}

.App-para{
  font-size: 15px;
  display: flex;
  flex-direction: row;
  align-items: center;
  text-align: center;
}

.App-color{
  background-color: white;
  /* background-color: #15b1ff; */
  border-radius: 30px;
  border :7px solid rgb(116, 116, 197);
  padding: 10px;
}

.App-para1{
  display: flex;
  align-items: center;
  margin-left: 60px;
  color: blue;
  font-weight: bold;
  font-size: 20px;
}

.App-para2{
  display: flex;
  align-items: center;
  color: green;
  margin-left: 70px;
  font-weight: bold;
}
```

```

.App-para3{
  display: flex;
  align-items: center;
  margin-left: 20px;
  color: green;
  font-weight: bold;
}

.App-para4{
  display: flex;
  align-items: center;
  margin-left: 130px;
  color: red;
  font-weight: bold;
}

.App-body {
  background-color:white;
  min-height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: rgb(21, 1, 1);
}

.App-idcard {
  /* border:1px solid red; */
  background-color: white;
  padding: 20px;
  height: 420px;
  width: 350px;
  display: block;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: rgb(21, 1, 1);
  /* box-shadow: 10px 10px 5px rgb(60, 206, 255) inset; */
  box-shadow: 0 4px 8px 0 rgb(146, 252, 16), 0 6px 20px 0 rgb(16, 186, 233);
  border-radius: 30px;
  border :7px solid rgb(70, 255, 53);
}

.App-inputval{
  width:200px;
  height: 50px;
  margin-bottom: 10px;
}

```

```

.App-plus{
  height: 50px;
  width: 50px;
}
.App-zero{
  height: 50px;
  width: 50px;
  margin-right: 50px;
  margin-left: 50px;
}

.App-link {
  color: #61dafb;
}

@keyframes App-logo-spin {
  from {
    transform: rotate(0deg);
  }
  to {
    transform: rotate(360deg);
  }
}

```

Calcc.js:

```

import './Cal.css';
import {useState} from 'react';
function Calcc(){
  const [calc,setCalc]=useState("");
  const [result,setResult]=useState("");

  const ops=['/','*','+','-','.'];

  const updateCalc = value => {
    if(
      ops.includes(value) && calc === '' ||
      ops.includes(value) && ops.includes(calc.slice(-1))
    ){
      return;
    }

    setCalc(calc+value);

    if(!ops.includes(value)){

```

```

        setResult(eval(calc+value).toString());
    }
}

const createDigits = () =>{
    const digits = [];

    for(let i =1; i<10;i++)
    {
        digits.push(
            <button onClick={()=> updateCalc(i.toString())}
key={i}>{i}</button>
        )
    }
    return digits;
}

const calculate =()=>{
    setCalc(eval(calc).toString());
}

const deleteLast = () =>{
    if(calc===''){
        return;
    }

    const value= calc.slice(0,-1);
    setCalc(value);
}

return(
    <div className="Appcal">
        <div className="calculator">
            <div className="display">
                {result ? <span>{result}</span>: ''}
                {calc || "0"}
            </div>

            <div className="operators">
                <button onClick={()=> updateCalc('/')}>/</button>
                <button onClick={()=> updateCalc('*')}>*</button>
                <button onClick={()=> updateCalc('+')}>+</button>
                <button onClick={()=> updateCalc('-')}>-</button>

                <button onClick={deleteLast}>DEL</button>
            </div>

            <div className="digits">

```

```

        {createDigits()}
        <button onClick={() => updateCalc('0')}>0</button>
        <button onClick={() => updateCalc('.')}>.</button>
        <button onClick={calculate}>=</button>
      </div>
    </div>
  </div>
);
}
export default Calcc;

```

Cal.css:

```

:root{
  --primary: #d81e5b;
  --secondary:#8c38ff;
  --dark:#131a26;
  --light:#eee;
}

*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Fira Sans', sans-serif;
}

body{
  background-color: var(--light);
}

.Appcal{
  display: flex;
  min-height: 100vh;
  align-items: center;
  justify-content: center;
  padding: 16px;
}

.calculator{
  width: 100%;
  max-width: 400px;
  background-color: #FFF;
  border-radius: 16px;
  overflow: hidden;
  box-shadow: 0px 2px 64px rgba(0,0,0,0.2);
}

```



```
.display{
  padding: 16px;
  text-align: right;
  background-color: var(--dark);
  color: var(--light);
  font-size: 24px;
  font-weight: 300;
}

.display span{
  font-size: 14px;
  color: #888;
}

button{
  appearance: none;
  border: none;
  outline: none;
  color: #FFF;
  font-size: 20px;
  padding: 16px;
  cursor: pointer;
  transition: 0.4s;
}

button:hover{
  opacity: 0.9;
}

.operators{
  display: flex;
}

.operators button{
  flex: 1 1 0%;
  background-color: var(--primary);
  font-weight: 700;
}

.digits{
  display: flex;
  flex-wrap: wrap;
}

.digits button{
  flex: 1 1 33.333%;
  max-width: 33.333%;
  background-color: var(--dark);
```

}