

# CGDA ASSIGNMENT

ROHAN RAI  
22MCF1R42

index.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Calculator</title>

  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="https://unicons.iconscout.com/
release/v4.0.0/css/line.css">
</head>

<body>
  <div class="container">
    <h1>CGDA ASSIGNMENT</h1>
    <div class="subhead">
      <h2>CALCULATOR</h2>
    </div>
    <div class="calculator">
      <input type="text" name="screen" id="screen">
      <table>
        <tr></tr>
        <tr></tr>
        <tr></tr>
        <tr></tr>
        <tr>
          <td><button>7</button></td>
          <td><button>8</button></td>
          <td><button>9</button></td>
          <td><button>X</button></td>
        </tr>
        <tr>
          <td><button>4</button></td>
          <td><button>5</button></td>
          <td><button>6</button></td>
          <td><button>+</button></td>
        </tr>
        <tr>
          <td><button>1</button></td>
          <td><button>2</button></td>
          <td><button>3</button></td>
```

```

        <td><button>-</button></td>
      </tr>
      <tr>
        <td><button>C</button></td>
        <td><button>0</button></td>
        <td><button>.</button></td>
        <td><button>=</button></td>
      </tr>
    </table>
  </div>
</div>
<div class="post">
  <h4>Made by Rohan Rai(22MCF1R42)</h4></div>
</body>

<script src="script.js"></script>

</html>

```

script.js

```

let screen = document.getElementById('screen');
buttons = document.querySelectorAll('button');
let screenValue = '';
for (item of buttons) {
  item.addEventListener('click', (e) => {
    buttonText = e.target.innerText;
    console.log('Button text is ', buttonText);
    if (buttonText == 'X') {
      buttonText = '*';
      screenValue += buttonText;
      screen.value = screenValue;
    } else if (buttonText == 'C') {
      screenValue = '';
      screen.value = screenValue;
    } else if (buttonText == '=') {
      screen.value = eval(screenValue);
    } else {
      screenValue += buttonText;
      screen.value = screenValue;
    }
  })
}

```

style.css

```

@import url('https://fonts.googleapis.com/css2?family=Open+Sans:wght@300;400;600&display=swap');
* {
  font-family: 'Open Sans', sans-serif;
}

```

```
html {  
  background: url('calculator.jpg') no-repeat center fixed;  
  background-size: cover;  
  width: 100%;  
}
```

```
.container {  
  
  text-align: center;  
  margin-top: 25px;  
  text-decoration: underline;  
  color: rgba(92, 22, 146, 0.922);  
  
}
```

```
.subhead {  
  
  text-align: center;  
  margin-top: 25px;  
  color: rgba(92, 22, 146, 0.922);  
  
}
```

```
.post{  
  text-align: center;  
  color: rgba(92, 22, 146, 0.922);  
  position: fixed;  
  bottom: 0;  
  width: 100%;  
}
```

```
table {  
  margin: auto;  
}
```

```
input {  
  font-size: 35px;  
  border: 4px solid rgb(146, 4, 4);  
  border-radius: 23px;  
}
```

```
button {  
  font-size: 40px;  
  background-color: rgb(232, 139, 210);  
  width: 102px;  
  height: 100px;  
  cursor: pointer;  
  border-radius: 25px;  
}
```

```
.calculator {
```

```
display: inline-block;  
background-color: rgb(240, 172, 241);  
padding: 26px;  
border-radius: 53px;  
}
```

```
h1 {  
font-size: 40px;  
font-weight: bold;  
}
```

```
.footer {  
margin-top: 20px;  
text-align: right;  
margin-right: 30px;  
font-size: 15px;  
font-style: italic;  
font-weight: bold;  
}
```

```
.footer .social .uil {  
padding: 15px;  
text-decoration: none;  
height: 30px;  
width: 50px;  
}
```