

## Assignment -4

### Code

```
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;
        }
        if (buttonText == '=') {
            screen.value = eval(screenValue);
        }
        else {
            screenValue += buttonText;
            screen.value = screenValue;
        }
    })
}
```

### INDEX.HTML

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

```
<head>
  <title>Calculator</title>
  <link rel="stylesheet" href="./styles.css">
</head>
<body>
  <div class="container">
    <h1>Calculator</h1>
    <input type="text" name="screen" id="screen">
    <table>
      <tr>
        <td><button>(</button></td>
        <td><button>)</button></td>
        <td><button>C</button></td>
        <td><button>*</button></td>

      </tr>
      <tr>
        <td><button>7</button></td>
        <td><button>8</button></td>
        <td><button>9</button></td>
        <td><button>+</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>
    </table>
  </div>
</body>
```

```

        <tr>
            <td><button>0</button></td>
            <td><button>.</button></td>
            <td><button>X</button></td>
            <td><button>=</button></td>
        </tr>
    </table>

</div>
<script src="./index.js"></script>
</body>
</html></html>

```

## STYLES.CSS

```

.container{
    text-align: center;
    margin-top: 40px;
}
table{
    margin: auto;
    text-align: center;
}
input
{
    height: 40px;
    width: 300px;
    margin-bottom: 20px;
    font-size: large;
}
button{
    text-align: center;
    font-size: 25px;
    height: 60px;
    width: 60px;
}

```

```
border-radius: 5px;
```

```
}
```

## OUTPUT

### Calculator

(	)	C	*
7	8	9	+
4	5	6	-
1	2	3	/
0	.	X	=

