



# Calculator and Text Editor

## Task - 2



## Calculator and Text Editor

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## Task - 2

### Create various Front End Programs

- Draw and design a uniform front end code for calculator
- Draw and design a interactive front end code for text-editor

### Evaluation Metric:

- 100% Completion of the above tasks

### Learning Outcome

- Get to know about concepts of project bucketing
- Knowing about various frontend development framework like angular, vue,react
- Know about various react topics like components, props, state, life cycle etc.

# Code for Calculator

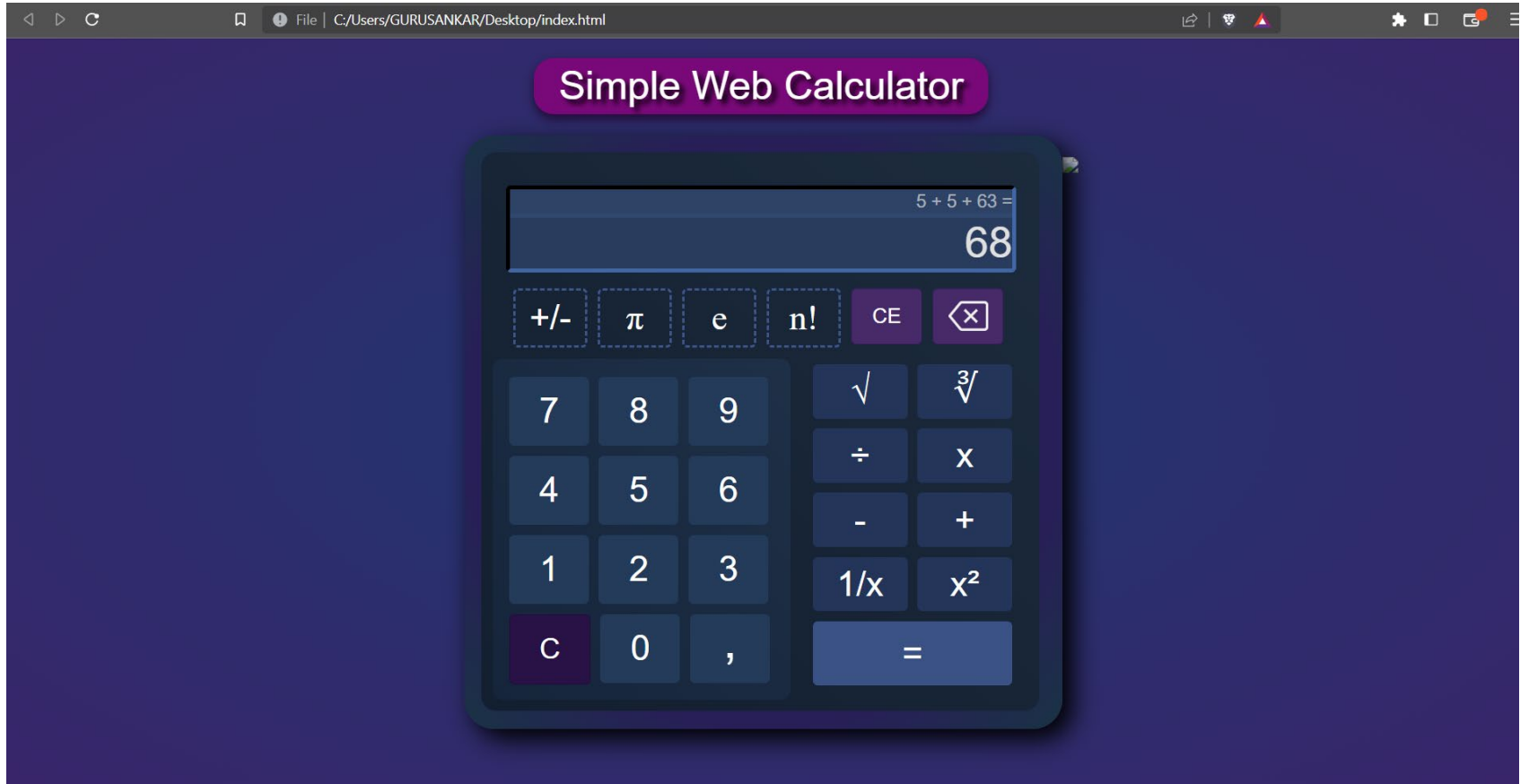
```
File Edit Selection Find View Goto Tools Project Preferences Help
index.html style.css script.js
1 @charset "utf-8";
2
3
4 * {
5     padding: 0;
6     margin: 0;
7 }
8
9 html, body {
10     height: 100%;
11     background-image: radial-gradient(at center, #203770, #382569);
12 }
13
14 #container {
15     min-height: calc(100% - 10em);
16 }
17
18 #title {
19     color: white;
20     background-color: #2b4499;
21     font: 2.5em "Helvetica", "Candara", "Arial";
22     width: fit-content;
23     top: 20px;
24     left: calc(50% - 230px);
25     padding: 5px 25px 5px 25px;
26     border-radius: 20px;
27     text-shadow: 5px 5px 5px #000000;
28     box-shadow: 0px 5px 10px #220a36;
29     position: absolute;
30     transition: 3s ease-in-out 0.1s;
31     user-select: None;
32 }
33
34 #calculator {
35     user-select: None;
36     top: 98px;
37     left: calc(50% - 300px);
38     width: 600px;
39     height: 600px;
40     background-image: radial-gradient(at center, #281f58 70%, #193444);
41     border-radius: 30px;
42     box-shadow: 10px 10px 25px black;
```

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```
index.html x style.css script.js
1 <!DOCTYPE html>
2
3 <html lang="en">
4 <head>
5   <meta charset="utf-8">
6   <title>Simple Web Calculator</title>
7   <link type="text/css" rel="stylesheet" href="./style.css">
8   <link type="text/css" rel="stylesheet"
9     href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10   <link rel="stylesheet"
11     href="https://fonts.googleapis.com/icon?family=Material+Icons">
12
13 </head>
14
15 <body>
16   <div id="container">
17     <section id="main">
18       <header><h1 id="title">Simple Web Calculator</h1></header>
19       
20       <div id="calculator">
21         <div id="calculator-interface">
22           <div id="calculator-screen">
23             <div id="screen-top">
24               <p id="nums-top"></p>
25             </div>
26             <div id="screen-bottom">
27               <p id="nums-bottom">0</p>
28             </div>
29           </div>
30           <div id="functional-container">
31             <div id="negate" class="button">+/-</div>
32             <div id="pi" class="button"> $\pi$ </div>
33             <div id="euler" class="button"> $e$ </div>
34             <div id="factorial" class="button"> $n!$ </div>
35             <div id="ce" class="button">CE</div>
36             <div id="del1" class="button">
37               
38             </div>
39           </div>
40           <div id="nums-container">
41             <div class="numbers-line">
42               <div id="num7" class="button">7</div>
```

```
index.html x style.css script.js
1
2 const topScreen = document.getElementById("nums-top");
3 const bottomScreen = document.getElementById("nums-bottom");
4 const calculator = document.getElementById("calculator");
5 const calculatorInterface = document.getElementById("calculator-interface");
6 const calculatorScreen = document.getElementById("calculator-screen");
7 const skull = document.getElementById("skull")
8 const footer = document.getElementById("footer");
9 const colors = ["#294192", "#2f4d0d", "#790979", "#811414"];
10 const calcValues = {
11   num1: "1", num2: "2", num3: "3", num4: "4", num5: "5", num6: "6",
12   num7: "7", num8: "8", num9: "9", num0: "0", comma: ",", sum: "+",
13   subtract: "-", divide: "÷", multiply: "x", factorial: "!", overX: "1/",
14   equalTo: "=", squareRoot: "√", cubeRoot: "∛", squarePower: "²",
15   pi: "3.1415926535897932384", euler: "2.7182818284590452353"};
16 const keyboardSymbols = {
17   "1": "num1", "2": "num2", "3": "num3", "4": "num4", "5": "num5",
18   "6": "num6", "7": "num7", "8": "num8", "9": "num9", "0": "num0",
19   "Backspace": "del1", "Delete": "clear", ",": "comma",
20   "+": "sum", "-": "subtract", "/": "divide", "*": "multiply",
21   "Enter": "equalTo", "=": "equalTo", "e": "euler"
22 }
23 var givenResult = false;
24 var resultValue = "0";
25 var colorNum = 0;
26 var record = [];
27
28
29 function setUp() {
30
31   let terms = document.getElementById("terms");
32   let privacy = document.getElementById("privacy");
33
34
35   for (element of [terms, privacy]) {
36     element.addEventListener("click", helpSection, false);
37   }
38
39
40   skullPosition()
41
42
```

OUTPUT:



# TEXT EDITOR CODE

```
File Edit Selection Find View Goto Tools Project Preferences Help
index.html x home.js x
1 function f1() {
2     document.getElementById("textareal").style.fontWeight = "bold";
3 }
4
5 function f2() {
6     document.getElementById("textareal").style.fontStyle = "italic";
7 }
8
9 function f3() {
10    document.getElementById("textareal").style.textAlign = "left";
11 }
12
13 function f4() {
14    document.getElementById("textareal").style.textAlign = "center";
15 }
16
17 function f5() {
18    document.getElementById("textareal").style.textAlign = "right";
19 }
20
21 function f6() {
22    document.getElementById("textareal").style.textTransform = "uppercase";
23 }
24
25 function f7() {
26    document.getElementById("textareal").style.textTransform = "lowercase";
27 }
28
29 function f8() {
30    document.getElementById("textareal").style.textTransform = "capitalize";
31 }
32
33 function f9() {
34    document.getElementById("textareal").style.fontWeight = "normal";
35    document.getElementById("textareal").style.textAlign = "left";
36    document.getElementById("textareal").style.fontStyle = "normal";
37    document.getElementById("textareal").style.textTransform = "capitalize";
38    document.getElementById("textareal").value = " ";
39 }
40
```

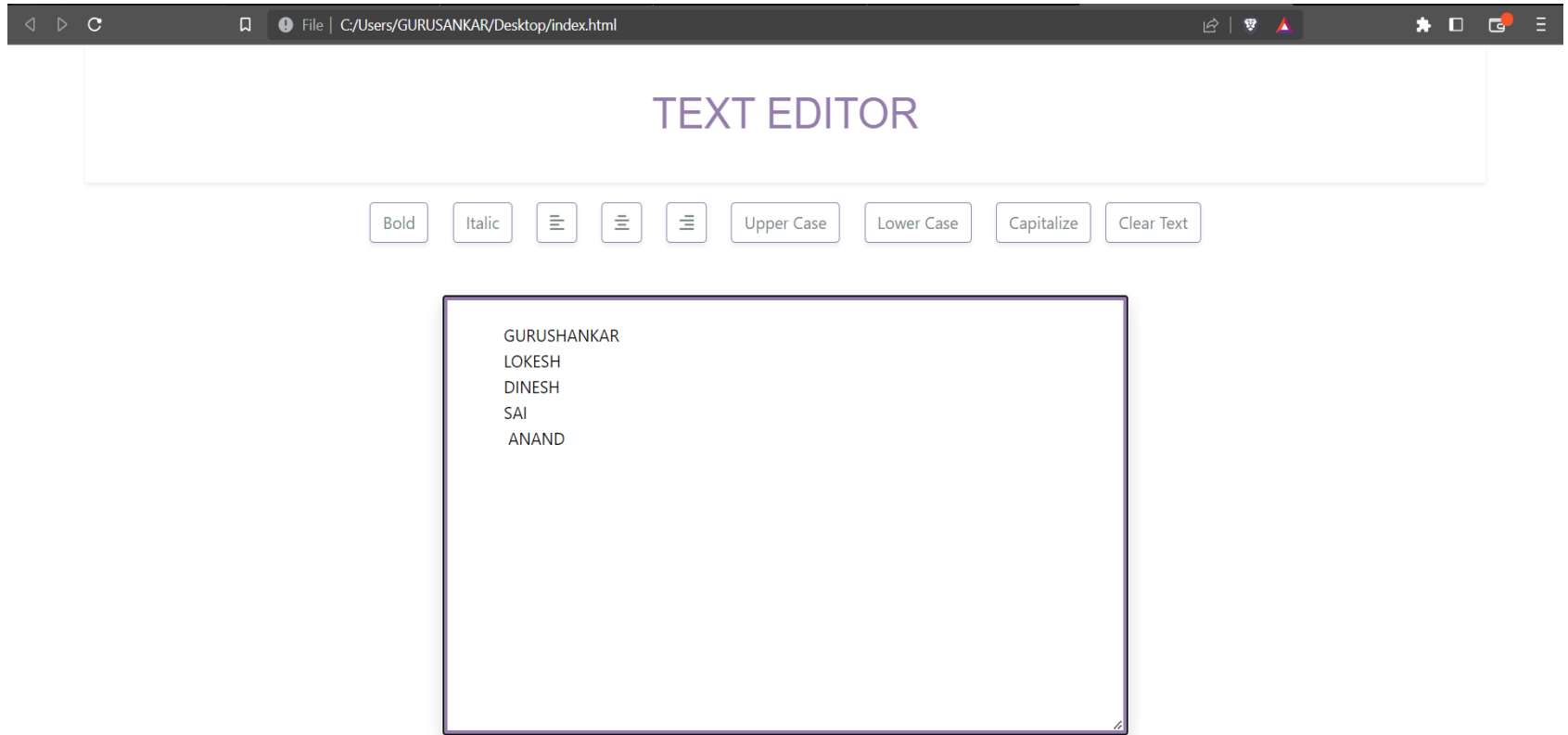


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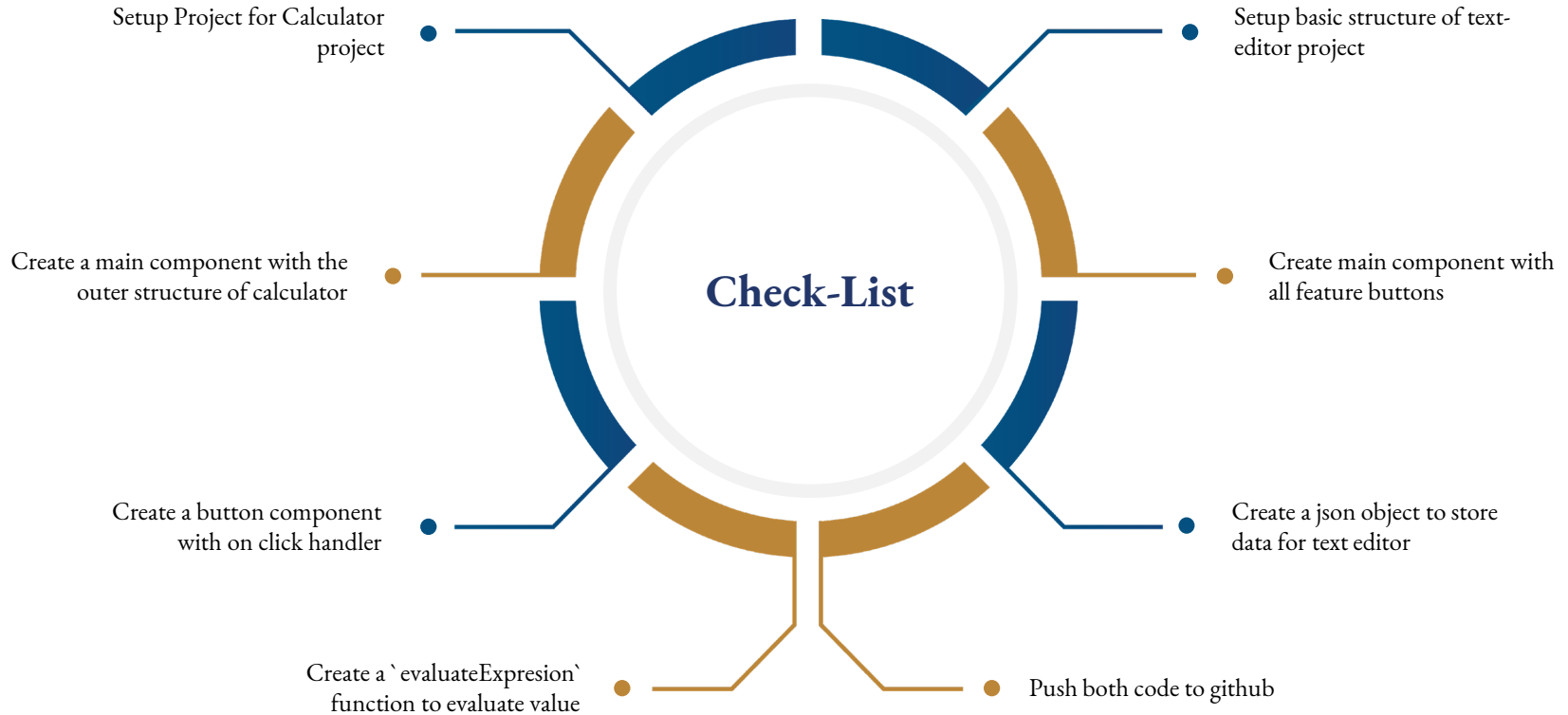
```
index.html x home.js x
1  <!DOCTYPE html>
2  <html lang="en" dir="ltr">
3
4  <head>
5      <meta charset="utf-8">
6      <title>Text Editor</title>
7      <link rel="stylesheet"
8          href=
9      "https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
10         integrity=
11      "sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2"
12         crossorigin="anonymous">
13      <link rel="stylesheet"
14          href=
15      "https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
16         integrity=
17      "sha512-PgQMLq+nnqFLV4ylk1gwUOgm6CtIIXKkwaIHp/PAIWHzig/1KZSEgKeysh0TCVbHJXCLN7WetD8TFecIKy75ZfQ=="
18         crossorigin="anonymous" />
19      <link rel="stylesheet"
20          href=
21      "https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
22         integrity=
23      "sha384-AYmEC3YW5cVb3ZcuHt0A93w35dYTSvhlPVnYs9eStHfGJv0vKxVfELGroGkvsg+p"
24         crossorigin="anonymous" />
25
26      <style>
27          h1 {
28              padding-top: 40px;
29              padding-bottom: 40px;
30              text-align: center;
31              color: #947dad;
32              font-family: 'Montserrat', sans-serif;
33          }
34
35          section {
36              padding: 5%;
37              padding-top: 0;
38              height: 100vh;
39          }
40
41          .side {
42              margin-left: 0;
43          }
44      </style>
45  </head>
46  <body>
47      <div class="container">
48          <div class="row">
49              <div class="col">
50                  <div class="card">
51                      <div class="card-body">
52                          <div class="text">
53                              <h1>Text Editor</h1>
54                          </div>
55                      </div>
56                  </div>
57              </div>
58          </div>
59      </div>
60  </body>
61 </html>
```

Line 53, Column 34

OUTPUT:



# Assessment Parameter



## *Submission Github*



[https://github.com/Lokeshrajarit/  
Group\\_6\\_FSD\\_Batch\\_A53.git](https://github.com/Lokeshrajarit/Group_6_FSD_Batch_A53.git)

Thank  
you!

