



COMPUTER WORKSHOP

SIDDHANT PATIL
ROLL NO. : 53
CSE - 3RD SEM

PRACTICAL 09

GOVERNMENT
COLLEGE OF
ENGINEERING
NAGPUR

Practical - 09

Aim:

To create a calculator using Javascript.

Theory:

Javascript :

JavaScript often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.[11] Over 97% of websites use Javascript on the client side for web page behavior, often incorporating third-party libraries.

Theory:

All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

JavaScript is a high-level, often just-in-time compiled, multi-paradigm language. It conforms to the ECMAScript specification,[14] and has dynamic typing, prototype-based object-orientation, and first-class functions. It supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

The ECMAScript standard does not include any input/output (I/O), such as networking, storage, or graphics facilities. In practice, the web browser or other runtime system provides JavaScript APIs for I/O. JavaScript engines were originally used only in web browsers, but are now core components of some servers and a variety of applications. The most popular runtime system for this usage is Node.js.

Although Java and Javascript are similar in name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design.

Code:

HTML:

```
index.html - PROGRAMING - Visual Studio Code
index.html X # style.css JS logic.js
Web Development > Calculator > index.html > html > head > link
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <title>Simple Calculator</title>
8 <link rel="icon" type="image/x-icon" href="assets/img/favicon.png">
9 <link rel="stylesheet" href="assets/css/style.css">
10 <script src="assets/js/logic.js"></script>
11 <link rel="stylesheet"
12 href="https://fonts.googleapis.com/css?family=Monde">
13 <link rel="stylesheet"
14 href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
15 <link href="https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css" rel="stylesheet">
16 </head>
17 <body id="body">
18 <header>
19 <h1>Simple Calculator</h1>
20 </header>
21 <main>
22 <div class="container" id="container">
23 <div class="theme" id="theme">
24 <button class="themeb" name="day" value="day" onclick="lighttheme();"><i class="bx bx-sun" id="day" style="margin: 10px 15px 10px 15px; font-size: 1.2em;"></i></button>
25 <button class="themeb" name="night" value="night" onclick="darktheme();"><i class="bx bx-moon" id="night" aria-hidden="true" style="margin: 10px 15px 10px 10px; font-size: 1.2em;"></i></button>
26 </div>
27 <div class="a"><input type="text" class="display" id="show" value="0" name="display" readonly/></div>
28 <div class="inputarea" id="inputarea">
29 <div class="b"><button onclick="clean();" class="button" id="et1" name="AC" value="AC" style="color: #rgb(43, 219, 160);">AC</button></div>
30 <div class="b"><button onclick="backs();" class="button" id="et1" name="back" value="back" style="color: #rgb(43, 219, 160);"><i class="fa fa-arrow-left" aria-hidden="true"></i></button></div>
31 <div class="b"><button onclick="addisp('X');" class="button" id="et2" name="X" value="X" style="color: #rgb(43, 219, 160);">X</button></div>
32 <div class="b"><button onclick="addisp('/');" class="button" id="et3" name="/" value="/" style="font-size: 1.5em; color: #rgb(236, 31, 72);"></button></div>
33 <div class="b"><button onclick="addisp('7');" class="button" id="ib1" name="7" value="7" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
34 <div class="b"><button onclick="addisp('8');" class="button" id="ib1" name="8" value="8" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
35 <div class="b"><button onclick="addisp('9');" class="button" id="ib2" name="9" value="9" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
36 <div class="b"><button onclick="addisp('*');" class="button" id="et4" name="X" value="X" style="font-size: 1.2em; font-weight: 1; color: #rgb(236, 31, 72);"><i class="fa fa-close"
aria-hidden="true"></i></button></div>
37 <div class="b"><button onclick="addisp('4');" class="button" id="ib3" name="4" value="4" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
38 <div class="b"><button onclick="addisp('5');" class="button" id="ib4" name="5" value="5" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
39 <div class="b"><button onclick="addisp('6');" class="button" id="ib5" name="6" value="6" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
40 <div class="b"><button onclick="addisp('-');" class="button" id="et5" name="-" value="-" style="color: #rgb(236, 31, 72);"><i class="fa fa-minus" aria-hidden="true"></i></button></div>
41 <div class="b"><button onclick="addisp('1');" class="button" id="ib6" name="1" value="1" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
42 <div class="b"><button onclick="addisp('2');" class="button" id="ib7" name="2" value="2" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
43 <div class="b"><button onclick="addisp('3');" class="button" id="ib8" name="3" value="3" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
44 <div class="b"><button onclick="addisp('+');" class="button" id="et6" name="+" value="+" style="color: #rgb(236, 31, 72);"><i class="fa fa-plus" aria-hidden="true"></i></button></div>
45 <div class="b"><button onclick="clean();" class="button" id="ib9" name="undo" value="undo" style="color: #rgb(236, 31, 72);"><i class="fa fa-undo" aria-hidden="true"></i></button></div>
46 <div class="b"><button onclick="addisp('0');" class="button" id="ib10" name="0" value="0" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
47 <div class="b"><button onclick="addisp('.');" class="button" id="ib11" name="." value="." style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
48 <div class="b"><button onclick="result();" class="button" id="et7" name="=" value="=" style="font-size: 2em; color: #rgb(48, 187, 187);">=</button></div>
49 </div>
50 </div>
51 </main>
52 <div class="footer" id="F">
53 <div class="footer_bottom">
54 <div class="footer_content">
55 <h4>Simple Calculator</h4>
56 <div class="social">
57 <i class="fa fa-github" aria-hidden="true"></i><a href="https://github.com/Siddhant-Patil12083" target="_blank"></a></div>
58 <i class="fa fa-linkedin" aria-hidden="true"></i><a href="https://www.linkedin.com/in/Siddhant-patil-934113205/" target="_blank"></a></div>
59 <i class="fa fa-instagram" aria-hidden="true"></i><a href="https://www.instagram.com/Sidd.0203/" target="_blank"></a></div>
60 <i class="fa fa-facebook" aria-hidden="true"></i><a href="https://www.facebook.com/Siddhant.patil.792303/" target="_blank"></a></div>
61 <i class="bx bx-mail-send" id="mail" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></i><a href="mailto:schimpli.patil2804@gmail.com" target="_blank"></a></div>
62 </div>
63 </div>
64 <p>©copyrights &copy;2021 Siddhant Patil</p>
65 </div>
66 </div>
67 </body>
68 </html>
```

```
index.html - PROGRAMING - Visual Studio Code
index.html X # style.css JS logic.js
Web Development > Calculator > index.html > html > bodybody > main > div#container.container > div#theme.theme > button.themeb > #night.bx-moon
22 <div class="container" id="container">
23 <div class="theme" id="theme">
24 <button class="themeb" name="day" value="day" onclick="lighttheme();"><i class="bx bx-sun" id="day" style="margin: 10px 15px 10px 15px; font-size: 1.2em;"></i></button>
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27 <div class="a"><input type="text" class="display" id="show" value="0" name="display" readonly/></div>
28 <div class="inputarea" id="inputarea">
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30 <div class="b"><button onclick="backs();" class="button" id="et1" name="back" value="back" style="color: #rgb(43, 219, 160);"><i class="fa fa-arrow-left" aria-hidden="true"></i></button></div>
31 <div class="b"><button onclick="addisp('X');" class="button" id="et2" name="X" value="X" style="color: #rgb(43, 219, 160);">X</button></div>
32 <div class="b"><button onclick="addisp('/');" class="button" id="et3" name="/" value="/" style="font-size: 1.5em; color: #rgb(236, 31, 72);"></button></div>
33 <div class="b"><button onclick="addisp('7');" class="button" id="ib1" name="7" value="7" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
34 <div class="b"><button onclick="addisp('8');" class="button" id="ib1" name="8" value="8" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
35 <div class="b"><button onclick="addisp('9');" class="button" id="ib2" name="9" value="9" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
36 <div class="b"><button onclick="addisp('*');" class="button" id="et4" name="X" value="X" style="font-size: 1.2em; font-weight: 1; color: #rgb(236, 31, 72);"><i class="fa fa-close"
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39 <div class="b"><button onclick="addisp('6');" class="button" id="ib5" name="6" value="6" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
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41 <div class="b"><button onclick="addisp('1');" class="button" id="ib6" name="1" value="1" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
42 <div class="b"><button onclick="addisp('2');" class="button" id="ib7" name="2" value="2" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
43 <div class="b"><button onclick="addisp('3');" class="button" id="ib8" name="3" value="3" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
44 <div class="b"><button onclick="addisp('+');" class="button" id="et6" name="+" value="+" style="color: #rgb(236, 31, 72);"><i class="fa fa-plus" aria-hidden="true"></i></button></div>
45 <div class="b"><button onclick="clean();" class="button" id="ib9" name="undo" value="undo" style="color: #rgb(236, 31, 72);"><i class="fa fa-undo" aria-hidden="true"></i></button></div>
46 <div class="b"><button onclick="addisp('0');" class="button" id="ib10" name="0" value="0" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
47 <div class="b"><button onclick="addisp('.');" class="button" id="ib11" name="." value="." style="font-size: 1.2em; color: #rgb(236, 31, 72);"></button></div>
48 <div class="b"><button onclick="result();" class="button" id="et7" name="=" value="=" style="font-size: 2em; color: #rgb(48, 187, 187);">=</button></div>
49 </div>
50 </div>
51 </main>
52 <div class="footer" id="F">
53 <div class="footer_bottom">
54 <div class="footer_content">
55 <h4>Simple Calculator</h4>
56 <div class="social">
57 <i class="fa fa-github" aria-hidden="true"></i><a href="https://github.com/Siddhant-Patil12083" target="_blank"></a></div>
58 <i class="fa fa-linkedin" aria-hidden="true"></i><a href="https://www.linkedin.com/in/Siddhant-patil-934113205/" target="_blank"></a></div>
59 <i class="fa fa-instagram" aria-hidden="true"></i><a href="https://www.instagram.com/Sidd.0203/" target="_blank"></a></div>
60 <i class="fa fa-facebook" aria-hidden="true"></i><a href="https://www.facebook.com/Siddhant.patil.792303/" target="_blank"></a></div>
61 <i class="bx bx-mail-send" id="mail" style="font-size: 1.2em; color: #rgb(236, 31, 72);"></i><a href="mailto:schimpli.patil2804@gmail.com" target="_blank"></a></div>
62 </div>
63 </div>
64 <p>©copyrights &copy;2021 Siddhant Patil</p>
65 </div>
66 </div>
67 </body>
68 </html>
```

Code:

CSS:

```
File Edit Selection View Go Run Terminal Help
index.html # style.css x JS logic.js
Web Development > Calculator > assets > css > # style.css > .inputarea
1  *{
2    margin: 0;
3    padding: 0;
4    box-sizing: border-box;
5    font-family: Monda;
6  }
7  body{
8    min-height: 100vh;
9    background: linear-gradient(to right, #7f7fd5, #86a8e7, #91eae4);
10   background-size: cover;
11   background-repeat: repeat-y;
12   z-index: 0;
13 }
14
15 /* Header */
16 header{
17   margin: 40px;
18   text-align: center;
19   color: #fff;
20 }
21 header h1{
22   position: relative;
23 }
24 header h1::before{
25   content: '';
26   position: absolute;
27   left: 46%;
28   bottom: 0;
29   background: linear-gradient(to right, #a8ff78, #78ffd6);
30   height: 3px;
31   width: 120px;
32 }
33
34 /* Main */
35 main{
36   margin: 15px;
37   display: flex;
38   justify-content: center;
39   align-items: center;
40   justify-items: center;
41   /* min-height: 100vh; */
42 }
43
44 .container{
45   background: #fff;
46   padding: 15px 0 0 0;
47   border-radius: 25px;
48   display: flex;
49   flex-direction: column;
50   max-width: 340px;
51 }
```

```
File Edit Selection View Go Run Terminal Help
index.html # style.css x JS logic.js
Web Development > Calculator > assets > css > # style.css > .inputarea
48   display: flex;
49   flex-direction: column;
50   max-width: 340px;
51 }
52 form{
53   display: flex;
54   flex-direction: column;
55   max-width: 340px;
56 }
57 .theme{
58   margin-top: 5px;
59   margin-left: 35%;
60   text-align: center;
61   background: #whitesmoke;
62   width: fit-content;
63   padding: 5px;
64   border-radius: 25px;
65 }
66 .themeb{
67   background: none;
68   margin: none;
69   border: none;
70   font-size: 1.2em;
71   cursor: pointer;
72 }
73 .themeb #night{
74   color: #rgb(190, 190, 190);
75 }
76 .display{
77   border: none;
78   height: 22vh;
79   text-align: end;
80   font-size: 2.5em;
81   width: 340px;
82   padding-right: 35px;
83   padding-left: 35px;
84   padding-top: 110px;
85 }
86
87 .inputarea{
88   padding: 20px;
89   border-radius: 20px 20px 25px 25px;
90   display: grid;
91   grid-template-columns: auto auto auto auto;
92   background: #whitesmoke;
93   text-align: center;
94 }
95
96 :root{
97   --bb : #rgb(234, 234, 234);
98 }
```


Code:

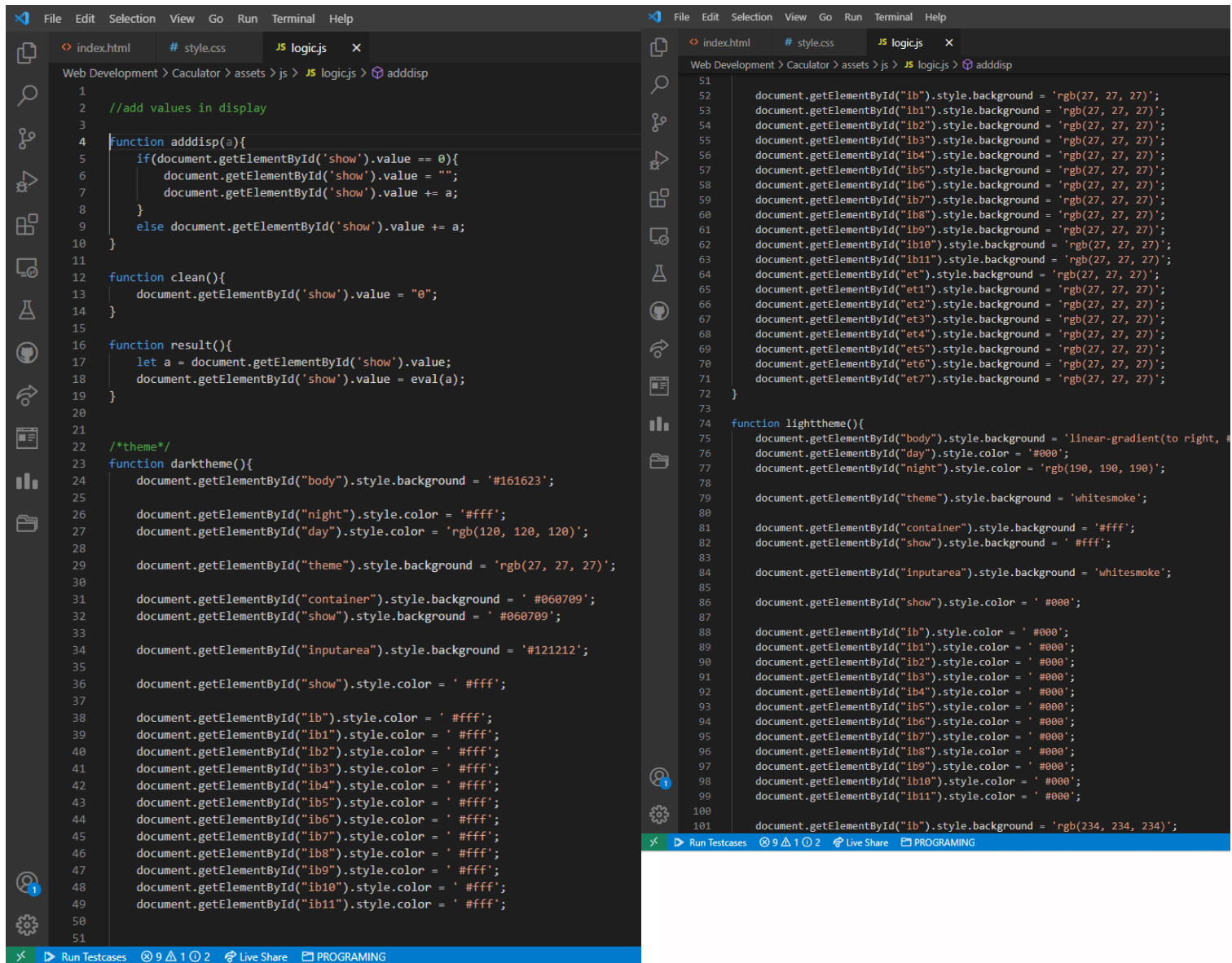
CSS:

```
File Edit Selection View Go Run Terminal Help
index.html # style.css X JS logic.js
Web Development > Calculator > assets > css > # style.css > .inputarea
96 :root{
97   --bb : ■rgb(234, 234, 234);
98 }
99 .button{
100   width: 50px;
101   height: 50px;
102   border: none;
103   border-radius: 10px;
104   margin: 8px;
105   background: var(--bb);
106   font-size: 1.2em;
107   font-weight: 600;
108   cursor: pointer;
109 }
110
111
112
113 /*Footer*/
114 footer{
115   text-align: center;
116   padding-top: 40px;
117 }
118 .footer_content{
119   display: flex;
120   justify-content: center;
121   align-items: center;
122   flex-direction: column;
123 }
124 .footer_content h4{
125   font-size: 1.8em;
126   font-weight: 400;
127   text-transform: capitalize;
128   line-height: 3rem;
129   color: ■#fff;
130 }
131 .footer_content .social{
132   list-style: none;
133   display: flex;
134   margin: 1rem 0 3rem 0;
135 }
136 .footer_content .social li{
137   margin: 0 15px;
138 }
139 .footer_content .social li a{
140   color: ■#fff;
141 }
142 .footer_content .social li a i{
143   font-size: 1.6rem;
144   transition: color .4s ease;
145 }
146 .footer_content .social li a:hover i{
```

```
File Edit Selection View Go Run Terminal Help
index.html # style.css X JS logic.js
Web Development > Calculator > assets > css > # style.css > .inputarea
114 footer{
115   text-align: center;
116   padding-top: 40px;
117 }
118 .footer_content{
119   display: flex;
120   justify-content: center;
121   align-items: center;
122   flex-direction: column;
123 }
124 .footer_content h4{
125   font-size: 1.8em;
126   font-weight: 400;
127   text-transform: capitalize;
128   line-height: 3rem;
129   color: ■#fff;
130 }
131 .footer_content .social{
132   list-style: none;
133   display: flex;
134   margin: 1rem 0 3rem 0;
135 }
136 .footer_content .social li{
137   margin: 0 15px;
138 }
139 .footer_content .social li a{
140   color: ■#fff;
141 }
142 .footer_content .social li a i{
143   font-size: 1.6rem;
144   transition: color .4s ease;
145 }
146 .footer_content .social li a:hover i{
147   color: ■rgb(0, 162, 255);
148   font-size: 2.2rem;
149 }
150 .footer_bottom{
151   background: □#000;
152   padding: 20px 0;
153   color: ■#fff;
154 }
155 .footer_bottom p{
156   font-size: 14px;
157   word-spacing: 2px;
158   text-transform: uppercase;
159 }
```

Code:

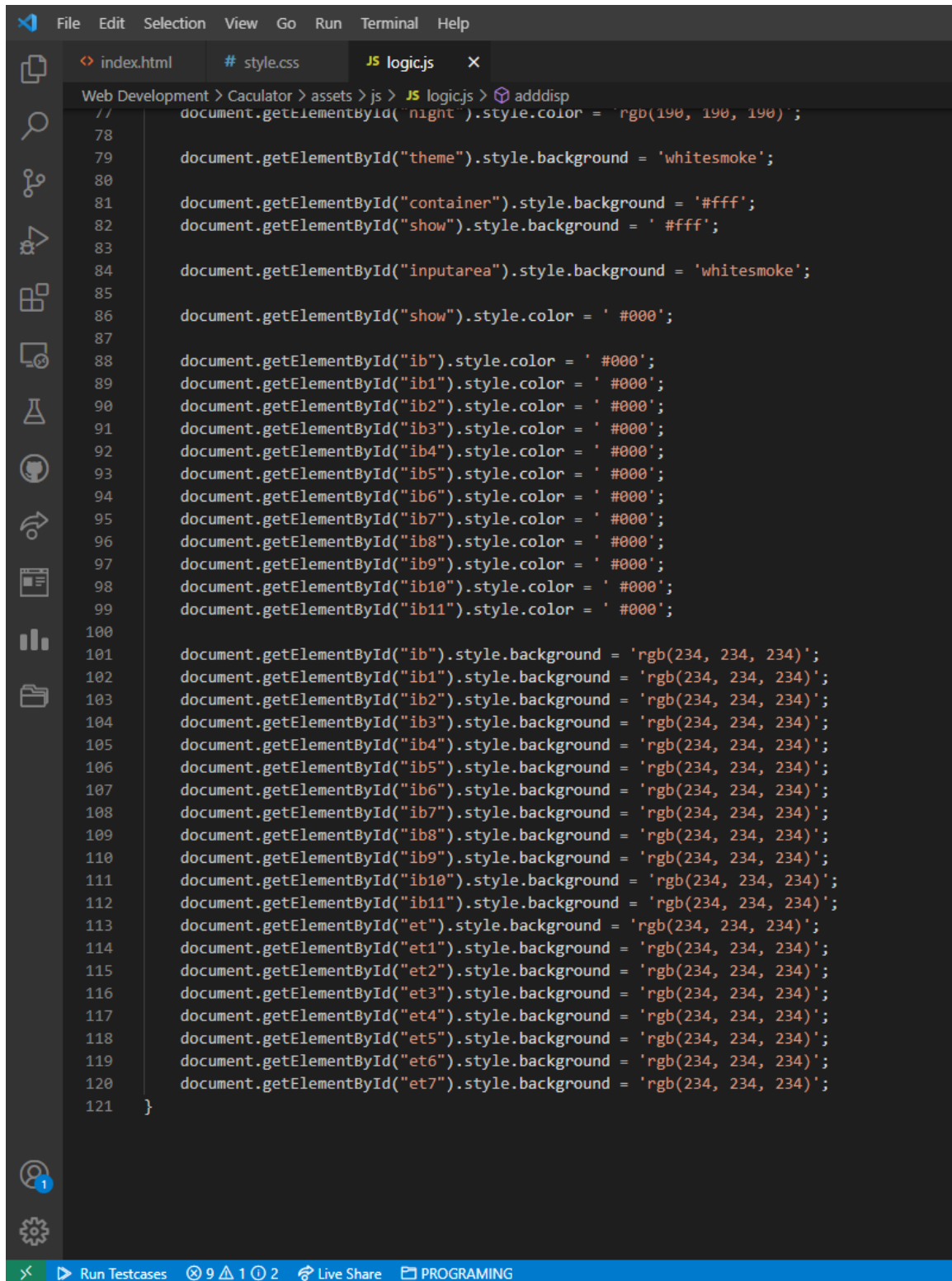
JavaScript:



```
1 //add values in display
2
3
4 function adddisp(a){
5     if(document.getElementById('show').value == 0){
6         document.getElementById('show').value = "";
7         document.getElementById('show').value += a;
8     }
9     else document.getElementById('show').value += a;
10 }
11
12 function clean(){
13     document.getElementById('show').value = "0";
14 }
15
16 function result(){
17     let a = document.getElementById('show').value;
18     document.getElementById('show').value = eval(a);
19 }
20
21
22 /*theme*/
23 function darktheme(){
24     document.getElementById("body").style.background = '#161623';
25
26     document.getElementById("night").style.color = 'ffff';
27     document.getElementById("day").style.color = 'rgb(120, 120, 120)';
28
29     document.getElementById("theme").style.background = 'rgb(27, 27, 27)';
30
31     document.getElementById("container").style.background = '#060709';
32     document.getElementById("show").style.background = '#060709';
33
34     document.getElementById("inputarea").style.background = '#121212';
35
36     document.getElementById("show").style.color = 'ffff';
37
38     document.getElementById("ib").style.color = 'ffff';
39     document.getElementById("ib1").style.color = 'ffff';
40     document.getElementById("ib2").style.color = 'ffff';
41     document.getElementById("ib3").style.color = 'ffff';
42     document.getElementById("ib4").style.color = 'ffff';
43     document.getElementById("ib5").style.color = 'ffff';
44     document.getElementById("ib6").style.color = 'ffff';
45     document.getElementById("ib7").style.color = 'ffff';
46     document.getElementById("ib8").style.color = 'ffff';
47     document.getElementById("ib9").style.color = 'ffff';
48     document.getElementById("ib10").style.color = 'ffff';
49     document.getElementById("ib11").style.color = 'ffff';
50
51
52 document.getElementById("ib").style.background = 'rgb(27, 27, 27)';
53 document.getElementById("ib1").style.background = 'rgb(27, 27, 27)';
54 document.getElementById("ib2").style.background = 'rgb(27, 27, 27)';
55 document.getElementById("ib3").style.background = 'rgb(27, 27, 27)';
56 document.getElementById("ib4").style.background = 'rgb(27, 27, 27)';
57 document.getElementById("ib5").style.background = 'rgb(27, 27, 27)';
58 document.getElementById("ib6").style.background = 'rgb(27, 27, 27)';
59 document.getElementById("ib7").style.background = 'rgb(27, 27, 27)';
60 document.getElementById("ib8").style.background = 'rgb(27, 27, 27)';
61 document.getElementById("ib9").style.background = 'rgb(27, 27, 27)';
62 document.getElementById("ib10").style.background = 'rgb(27, 27, 27)';
63 document.getElementById("ib11").style.background = 'rgb(27, 27, 27)';
64 document.getElementById("et").style.background = 'rgb(27, 27, 27)';
65 document.getElementById("et1").style.background = 'rgb(27, 27, 27)';
66 document.getElementById("et2").style.background = 'rgb(27, 27, 27)';
67 document.getElementById("et3").style.background = 'rgb(27, 27, 27)';
68 document.getElementById("et4").style.background = 'rgb(27, 27, 27)';
69 document.getElementById("et5").style.background = 'rgb(27, 27, 27)';
70 document.getElementById("et6").style.background = 'rgb(27, 27, 27)';
71 document.getElementById("et7").style.background = 'rgb(27, 27, 27)';
72 }
73
74 function lighttheme(){
75     document.getElementById("body").style.background = 'linear-gradient(to right, #000, #fff)';
76     document.getElementById("day").style.color = '#000';
77     document.getElementById("night").style.color = 'rgb(190, 190, 190)';
78
79     document.getElementById("theme").style.background = 'whitesmoke';
80
81     document.getElementById("container").style.background = 'ffff';
82     document.getElementById("show").style.background = 'ffff';
83
84     document.getElementById("inputarea").style.background = 'whitesmoke';
85
86     document.getElementById("show").style.color = '#000';
87
88     document.getElementById("ib").style.color = '#000';
89     document.getElementById("ib1").style.color = '#000';
90     document.getElementById("ib2").style.color = '#000';
91     document.getElementById("ib3").style.color = '#000';
92     document.getElementById("ib4").style.color = '#000';
93     document.getElementById("ib5").style.color = '#000';
94     document.getElementById("ib6").style.color = '#000';
95     document.getElementById("ib7").style.color = '#000';
96     document.getElementById("ib8").style.color = '#000';
97     document.getElementById("ib9").style.color = '#000';
98     document.getElementById("ib10").style.color = '#000';
99     document.getElementById("ib11").style.color = '#000';
100
101     document.getElementById("ib").style.background = 'rgb(234, 234, 234)';
```

Code:

JavaScript:



The image shows a code editor with a dark theme. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The tab bar shows three tabs: index.html, # style.css, and JS logic.js. The main editor area displays JavaScript code for styling a calculator. The code is organized into two main sections: one for setting colors and another for setting backgrounds. The first section sets colors for various elements, and the second section sets background colors for the same elements. The code is as follows:

```
//
document.getElementById("night").style.color = 'rgb(190, 190, 190)';

document.getElementById("theme").style.background = 'whitesmoke';

document.getElementById("container").style.background = '#fff';
document.getElementById("show").style.background = '#fff';

document.getElementById("inputarea").style.background = 'whitesmoke';

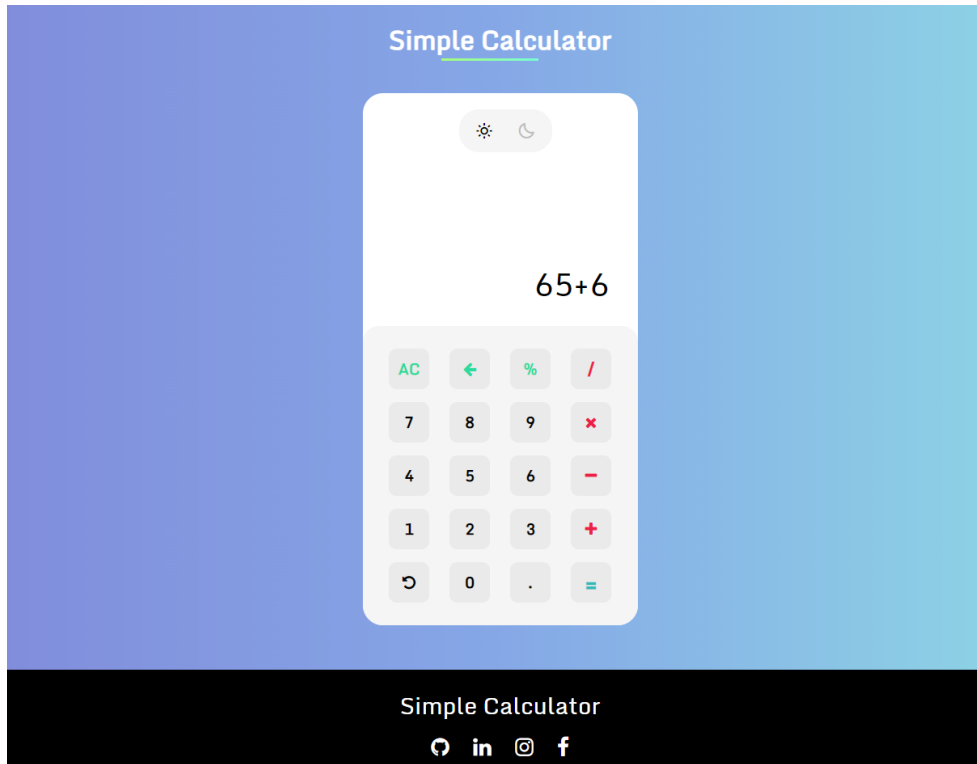
document.getElementById("show").style.color = '#000';

document.getElementById("ib").style.color = '#000';
document.getElementById("ib1").style.color = '#000';
document.getElementById("ib2").style.color = '#000';
document.getElementById("ib3").style.color = '#000';
document.getElementById("ib4").style.color = '#000';
document.getElementById("ib5").style.color = '#000';
document.getElementById("ib6").style.color = '#000';
document.getElementById("ib7").style.color = '#000';
document.getElementById("ib8").style.color = '#000';
document.getElementById("ib9").style.color = '#000';
document.getElementById("ib10").style.color = '#000';
document.getElementById("ib11").style.color = '#000';

document.getElementById("ib").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib1").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib2").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib3").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib4").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib5").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib6").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib7").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib8").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib9").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib10").style.background = 'rgb(234, 234, 234)';
document.getElementById("ib11").style.background = 'rgb(234, 234, 234)';
document.getElementById("et").style.background = 'rgb(234, 234, 234)';
document.getElementById("et1").style.background = 'rgb(234, 234, 234)';
document.getElementById("et2").style.background = 'rgb(234, 234, 234)';
document.getElementById("et3").style.background = 'rgb(234, 234, 234)';
document.getElementById("et4").style.background = 'rgb(234, 234, 234)';
document.getElementById("et5").style.background = 'rgb(234, 234, 234)';
document.getElementById("et6").style.background = 'rgb(234, 234, 234)';
document.getElementById("et7").style.background = 'rgb(234, 234, 234)';
}
```

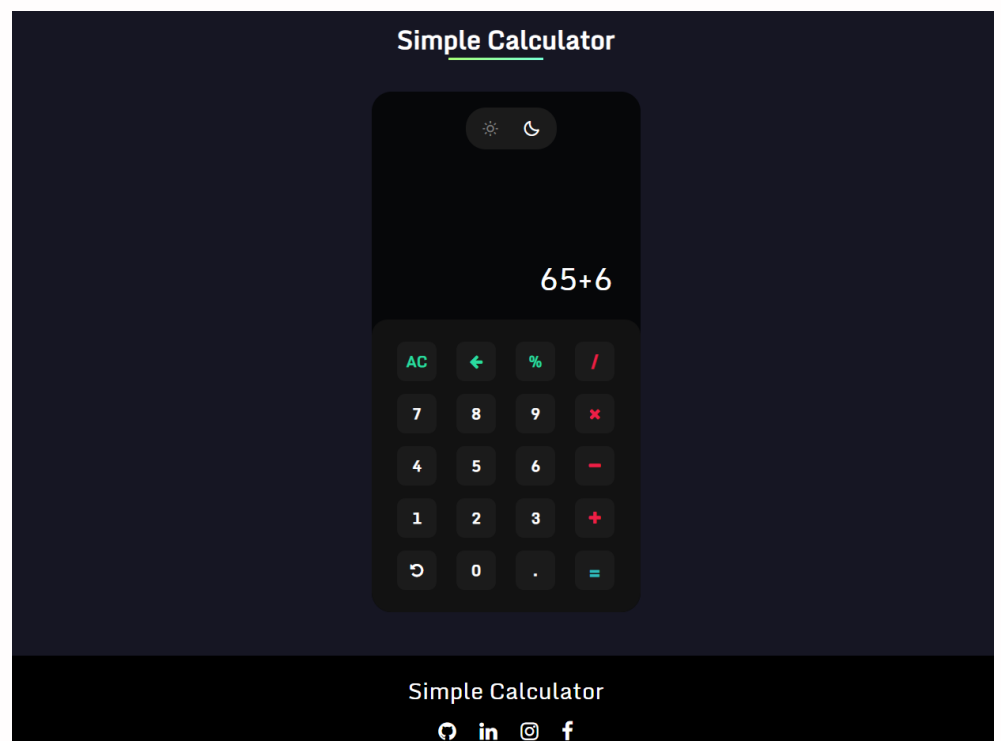
The bottom status bar shows a blue bar with icons for Run Testcases, 9 errors, 1 warning, 2 info, Live Share, and PROGRAMING.

Output:



LightMode

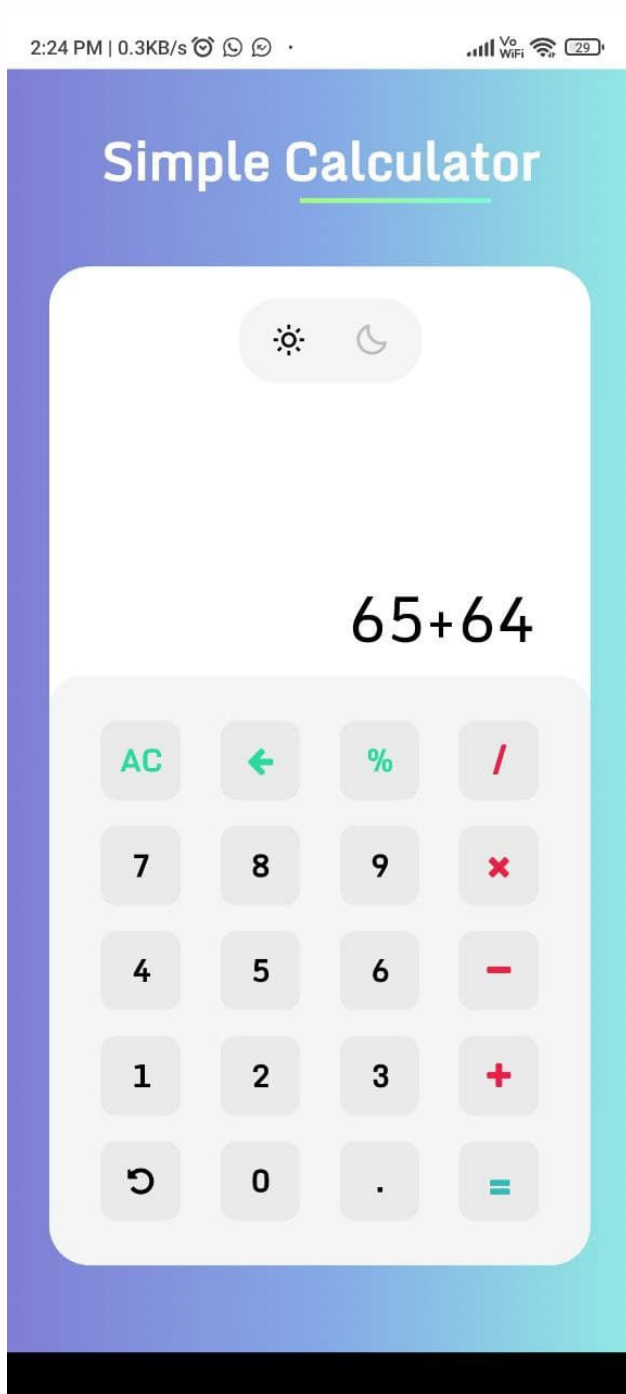
DarkMode



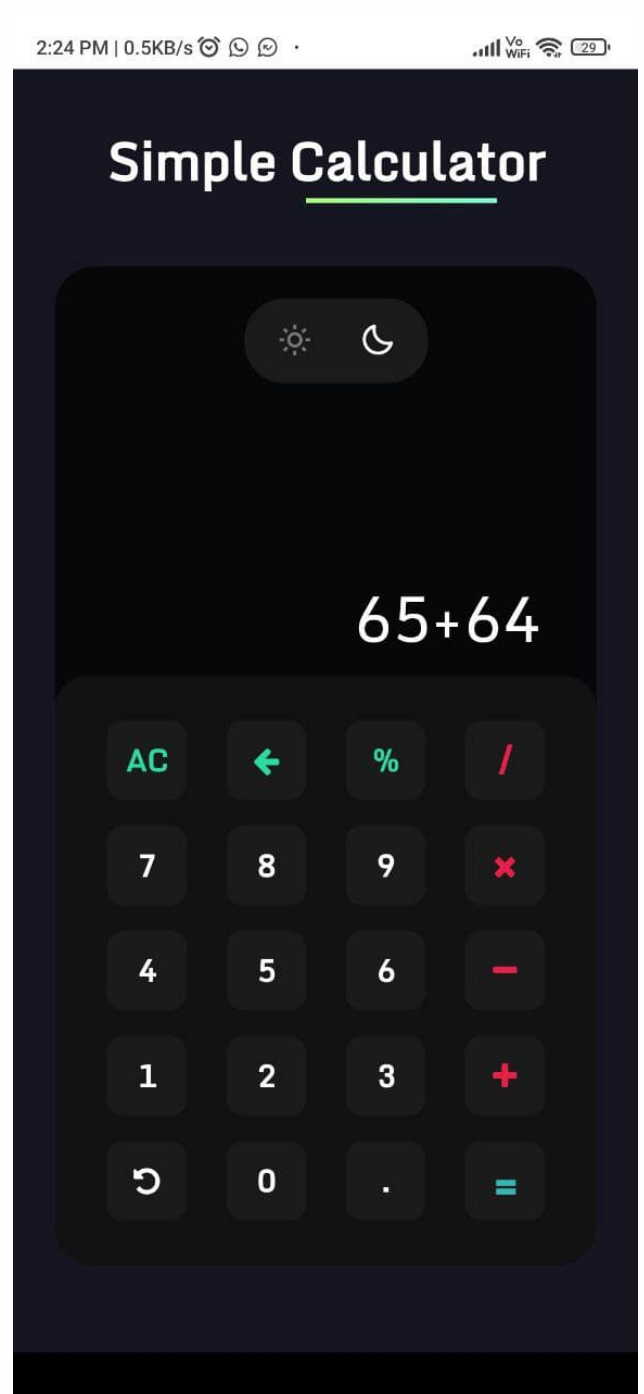
Output Webpage link :
<https://bit.ly/31UbhMk>

Output:

Mobile View



LightMode



DarkMode

Output Webpage link :
<https://bit.ly/31UbhMk>

Result:

The above practical was successfully performed.



Thank You