

ASSIGNMENT 2

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BRANCH: MCA

DEPARTMENT: CSE

COURSE: CGDA

<!-- a) Create a design for calculator with features like addition, subtraction, multiplication.

b) With the background of pink color.-->

<!-- language of my choice is :: JavaScript using with HTML and CSS web languages. -->

<!DOCTYPE html>

<html lang = "en">

<head>

<title> JavaScript Calculator </title>

<style>

#clear{

width: 180px;

border: 3px solid gray;

border-radius: 3px;

padding: 15px;

background-color: red;

}

.formstyle

{

width: 200px;

height: 430px;

margin: auto;

border: 3px solid black;

border-radius: 2px;

padding: 15px;

background-color: pink

}

```
input
```

```
{
```

```
width: 20px;
```

```
background-color:solid pink;
```

```
color: black;
```

```
border: 3px solid black;
```

```
border-radius: 2px;
```

```
padding: 16px;
```

```
margin: 2px;
```

```
font-size: 15px;
```

```
}
```

```
#calc{
```

```
width: 150px;
```

```
border: 5px solid black;
```

```
border-radius: 3px;
```

```
padding: 15px;
```

```
margin: auto;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1> *****SIMPLE CALCULATOR***** </h1>
```

```
<div class= "formstyle">
```

```
<form name = "form1">
```

```
<!-- This input box shows the button pressed by the user in calculator. -->
```

```
<input id = "calc" type ="text" name = "answer"> <br> <br>
```

```
<!-- Display the calculator button on the screen. -->
```

```
<!-- onclick() function display the number prsses by the user. -->
```

```
<input type = "button" value = "1" onclick = "form1.answer.value += '1' ">
```

```
<input type = "button" value = "2" onclick = "form1.answer.value += '2' ">
<input type = "button" value = "3" onclick = "form1.answer.value += '3' ">
<input type = "button" value = "+" onclick = "form1.answer.value += '+' ">
<br> <br>
```

```
<input type = "button" value = "4" onclick = "form1.answer.value += '4' ">
<input type = "button" value = "5" onclick = "form1.answer.value += '5' ">
<input type = "button" value = "6" onclick = "form1.answer.value += '6' ">
<input type = "button" value = "-" onclick = "form1.answer.value += '-' ">
<br> <br>
```

```
<input type = "button" value = "7" onclick = "form1.answer.value += '7' ">
<input type = "button" value = "8" onclick = "form1.answer.value += '8' ">
<input type = "button" value = "9" onclick = "form1.answer.value += '9' ">
<input type = "button" value = "*" onclick = "form1.answer.value += '*' ">
<br> <br>
```

```
<input type = "button" value = "/" onclick = "form1.answer.value += '/' ">
<input type = "button" value = "0" onclick = "form1.answer.value += '0' ">
<input type = "button" value = "." onclick = "form1.answer.value += '.' ">
```

<!-- When we click on the '=' button, the onclick() shows the sum results on the calculator screen. -->

```
<input type = "button" value = "=" onclick = "form1.answer.value =
eval(form1.answer.value) ">
```

```
<br>
```

<!-- Display the Cancel button and erase all data entered by the user. -->

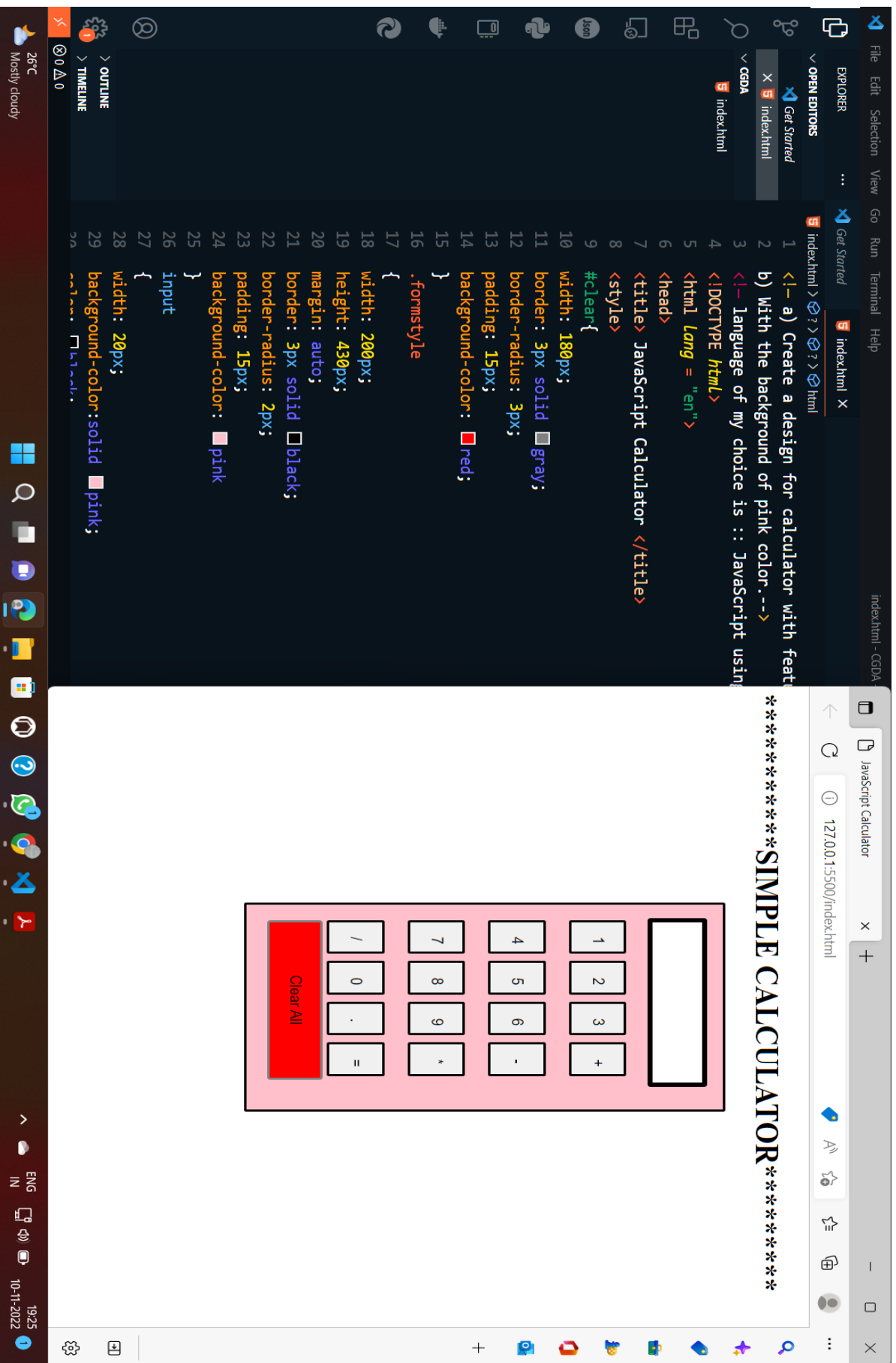
```
<input type = "button" value = "Clear All" onclick = "form1.answer.value = ' ' " id= "clear" >
<br>
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```



*****SIMPLE CALCULATOR*****

1	2	3	+
4	5	6	-
7	8	9	*
/	0	.	=
Clear All			

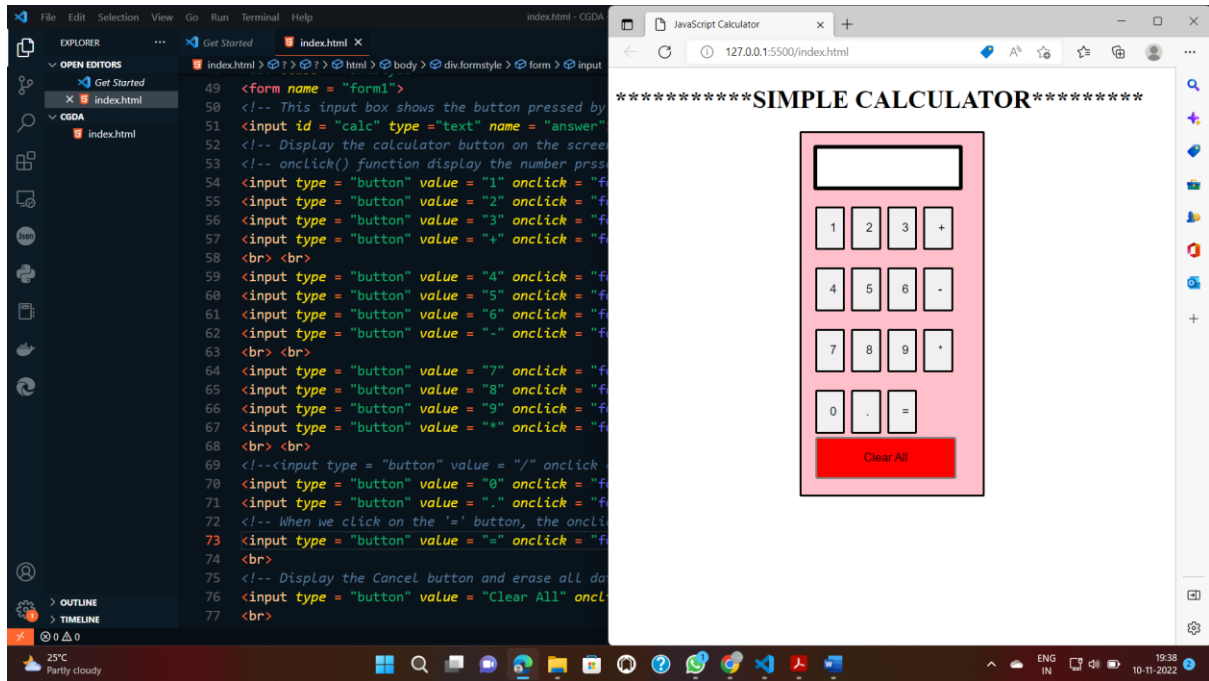
6+6			
1	2	3	+
4	5	6	-
7	8	9	*
/	0	.	=
Clear All			

12			
1	2	3	+
4	5	6	-
7	8	9	*
/	0	.	=
Clear All			

12*12			
1	2	3	+
4	5	6	-
7	8	9	*
/	0	.	=
Clear All			

144			
1	2	3	+
4	5	6	-
7	8	9	*
/	0	.	=
Clear All			

CALCULATOR WITHOUT DIVISION:



The image shows a development environment with a code editor on the left and a web browser on the right. The code editor displays the HTML and JavaScript code for a simple calculator. The web browser shows the rendered calculator interface, which includes a display area, buttons for digits 0-9, arithmetic operators (+, -, *, /), and a 'Clear All' button. The calculator is titled 'SIMPLE CALCULATOR'.

```
49 <form name = "form1">
50 <!-- This input box shows the button pressed by
51 <input id = "calc" type = "text" name = "answer"
52 <!-- Display the calculator button on the screen
53 <!-- onclick() function display the number prss
54 <input type = "button" value = "1" onclick = "f
55 <input type = "button" value = "2" onclick = "f
56 <input type = "button" value = "3" onclick = "f
57 <input type = "button" value = "+" onclick = "f
58 <br> <br>
59 <input type = "button" value = "4" onclick = "f
60 <input type = "button" value = "5" onclick = "f
61 <input type = "button" value = "6" onclick = "f
62 <input type = "button" value = "-" onclick = "f
63 <br> <br>
64 <input type = "button" value = "7" onclick = "f
65 <input type = "button" value = "8" onclick = "f
66 <input type = "button" value = "9" onclick = "f
67 <input type = "button" value = "*" onclick = "f
68 <br> <br>
69 <!--<input type = "button" value = "/" onclick = "f
70 <input type = "button" value = "0" onclick = "f
71 <input type = "button" value = "." onclick = "f
72 <!-- When we click on the '=' button, the oncli
73 <input type = "button" value = "=" onclick = "f
74 <br>
75 <!-- Display the Cancel button and erase all da
76 <input type = "button" value = "Clear All" oncl
77 <br>
```

*****END*****