* **Calculator.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">

<script src="./calc.js" type="text/javascript"></script>

<link rel="stylesheet" href="calc.css">

<title>Calculator</title>

</head>

<body>

<script type="text/javascript" language="javascript">

function display(val){

document.getElementById('result').value += val

return val

}

function solve(){

try{

let x = document.getElementById('result').value

let y = eval(x);

if(y=='Infinity')

alert('Cannot divide by zero')

document.getElementById('result').value = y

return y

}

catch(e){

alert("Invalid Expression! Please Check and try again");

document.getElementById("result").value = ""

}

}

function clearScreen(){

document.getElementById('result').value = ''

}

</script>

<h1 style="text-align:center">Calculator App</h1>

<div class="container">

<br>

<table>

<tr>

<td colspan="3"><input type='text' id='result' class ='screen' style="text-align: right;"></td>

<td>

<input type='button' value = 'C' onclick="clearScreen()" class="clear"/>

</td>

</tr>

</table>

<div class="keys">

<input type="button" value="7" class="button" onClick="display('7')"></input>

<input type="button" value="8" class="button " onClick="display('8')"></input>

<input type="button" value="9" class="button" onClick="display('9')"></input>

<input type="button" value="/" class="operator" onClick="display('/')"></input>

<input type="button" value="4" class="button" onClick="display('4')"></input>

<input type="button" value="5" class="button" onClick="display('5')"></input>

<input type="button" value="6" class="button" onClick="display('6')"></input>

<input type="button" value="\*" class="operator" onClick="display('\*')"></input>

<input type="button" value="1" class="button" onClick="display('1')"></input>

<input type="button" value="2" class="button" onClick="display('2')"></input>

<input type="button" value="3" class="button" onClick="display('3')"></input>

<input type="button" value="-" class="operator" onClick="display('-')"></input>

<input type="button" value="0" class="button" onClick="display('0')"></input>

<input type="button" value="." class="button" onClick="display('.')"></input>

<input type="button" value= "=" class="button equal-sign" onClick="solve()"></input>

<input type="button" value="+" class="operator" onClick="display('+')"></input></div>

</div>

</body>

* **Calc.style**

body {

padding: 0;

margin: 0;

background: linear-gradient(to right, #00AAFF, #00FF6C);

}

.container {

border: 1px solid #cccccc;

box-shadow: 10px 10px 30px 0px rgba(0,0,0,0.75);

border-radius: 20px;

position: absolute;

top: 55%;

left: 50%;

transform: translate(-50%, -50%);

width: 450px;

height: 400px;

}

.keys {

display: grid;

grid-template-columns: repeat(4, 1fr);

grid-gap: 10px;

padding: 10px;

margin:auto;

}

.button {

height: 60px;

padding: 5px;

background-color: #fff;

border-radius: 3px;

border: 1px solid #c4c4c4;

background-color: transparent;

font-size: 2rem;

color: #333;

background-image: linear-gradient(to bottom, transparent, transparent 50%, rgba(0,0,0,.04));

box-shadow: inset 0 0 0 1px rgba(255,255,255,.05), inset 0 1px 0 0 rgba(255,255,255,.45), inset 0 -1px 0 0 rgba(255,255,255,.15), 0 1px 0 0 rgba(255,255,255,.15);

text-shadow: 0 1px rgba(255,255,255,.4);

}

.button:hover {

background-color: #eaeaea;

}

.operator {

color: #fff;

background-color: #eebb24;

}

.clear {

background-color: #f0595f;

border-color: #b0353a;

color: #fff;

width: 80px;

height: 30px;

}

.clear:hover {

background-color: #f17377;

}

.equal-sign {

background-color: #25a8e0;

border-color: #25a8e0;

color: #fff;

}

.equal-sign:hover {

background-color: #4e9ed4;

}

.screen{

background-color:rgb(171, 219, 231);

justify-content: left;

color: black;

font-size: medium;

width: 50%;

height: 30%;

cursor: default;

padding: 10px;

padding-left: 40%;

margin: auto;

margin-bottom: 10px;

}

* **Output**





