

- **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**



