

1. Create a basic calculator using HTML, CSS, and JavaScript with the functionality of add, Subtract, multiply and divide.

```
<!DOCTYPE html>

<html lang="en">
<head>
<style>
  *{
    padding: 0;
    margin: 0;
    font-family: 'poppins', sans-serif;
  }
  body{
    background-color: #495250;
    display: grid;
    height: 100vh;
    place-items: center;
  }
  .main{
    width: 400px;
    height: 450px;
    background-color: white;
    position: absolute;
    border: 5px solid black;
    border-radius: 6px;
  }
  .main input[type='text'] {
    width: 88%;
    position: relative;
    height: 80px;
```

```
top: 5px;
text-align: right;
padding: 3px 6px;
outline: none;
font-size: 40px;
border: 5px solid black;
display: flex;
margin: auto;
border-radius: 6px;
color: black;
}
.btn input[type='button']{
width:90px;
padding: 2px;
margin: 2px 0px;
position: relative;
left: 13px;
top: 20px;
height: 60px;
cursor: pointer;
font-size: 18px;
transition: 0.5s;
background-color: #495250;
border-radius: 6px;
color: white;
}
.btn input[type='button']:hover{
background-color: black;
color: white;
}
</style>
```

```
<script>

function Solve(val) {
    var v = document.getElementById('res');
    v.value += val;
}

function Result() {
    var num1 = document.getElementById('res').value;
    var num2 = eval(num1);
    document.getElementById('res').value = num2;
}

function Clear() {
    var inp = document.getElementById('res');
    inp.value = "";
}

function Back() {
    var ev = document.getElementById('res');
    ev.value = ev.value.slice(0,-1);
}

</script>

<title>Calulator</title>

</head>

<body>

<div class="main">
    <input type="text" id = 'res'>
    <div class="btn">
        <input type="button" value = 'C' onclick = "Clear()">
        <input type="button" value = '%' onclick = "Solve('%')">
        <input type="button" value = '←' onclick = "Back('←')">
        <input type="button" value = '/' onclick = "Solve('/')">
        <br>
        <input type="button" value = '7' onclick = "Solve('7')">
```

```
<input type="button" value = '8' onclick = "Solve('8')">
<input type="button" value = '9' onclick = "Solve('9')">
<input type="button" value = 'x' onclick = "Solve('*')">
<br>
<input type="button" value = '4' onclick = "Solve('4')">
<input type="button" value = '5' onclick = "Solve('5')">
<input type="button" value = '6' onclick = "Solve('6')">
<input type="button" value = '-' onclick = "Solve('-')">
<br>
<input type="button" value = '1' onclick = "Solve('1')">
<input type="button" value = '2' onclick = "Solve('2')">
<input type="button" value = '3' onclick = "Solve('3')">
<input type="button" value = '+' onclick = "Solve('+')">
<br>
<input type="button" value = '00'onclick = "Solve('00')">
<input type="button" value = '0' onclick = "Solve('0')">
<input type="button" value = '.' onclick = "Solve('.')">
<input type="button" value = '=' onclick = "Result()">
</div>
</div>
<script src = 'Calc.js' ></script>
</body>
</html>
```