

# MINOR PROJECT-CALCULATOR

## INDEX.HTML

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>calculator</title>

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

</head>

<body>

    <div class="calculator">

        <div class="display">

            <input type="text" id="inputBox" value="0">

        </div>

        <div class="row">

            <button type="button" class="opr">AC</button>

            <button type="button" class="opr">DEL</button>

            <button type="button" class="opr">%</button>

            <button type="button" class="opr">/</button>

        </div>

        <div class="row">

            <button type="button">7</button>

            <button type="button">8</button>
```

<button type="button">9</button>

<button type="button" class="opr">\*</button>

</div>

<div class="row">

<button type="button">4</button>

<button type="button">5</button>

<button type="button">6</button>

<button type="button" class="opr">+</button>

</div>

<div class="row">

<button type="button">1</button>

<button type="button">2</button>

<button type="button">3</button>

<button type="button" class="opr">-</button>

</div> <div class="row">

<button type="button" id="plusminus">&#xB1;</button>

<button type="button">0</button>

<button type="button">.</button>

<button type="button" id="eqbtn">=</button>

</div>

</div>

<script src="app.js"></script>

```
</body>
```

```
</html>
```

## STYLE.CSS

```
{
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
font-family: Arial, Helvetica, sans-serif;
```

```
letter-spacing: 1px;
```

```
}
```

```
body{
```

```
min-height: 100vh;
```

```
max-width: 100%;
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
/*display: grid;
```

```
place-items: center; */
```

```
background: linear-gradient(45deg,#0a0a0a,#3a4452);
```

```
}
```

```
.calculator{  
    padding: 15px;  
    box-sizing: 0 0 15px #000;  
    border: 2px solid rgb(116, 114, 114);  
    border-radius: 15px;  
  
}
```

```
.display input{  
    width: 360px;  
    border: none;  
    outline: none;  
    padding: 20px;  
    margin: 10px;  
    background: transparent;  
    color: #fff;  
    font-size: 40px;  
    text-align: right;  
    cursor: pointer;  
}
```

```
input::placeholder{  
    color: #fff;  
}
```

```
button{  
    width:70px;  
    height: 70px;  
    margin: 10px;  
    background: transparent;  
    color: #fff;  
    font-size: 22px;  
    font-weight: 600;  
    border: 0;  
    border-radius: 50%;  
    box-shadow: -5px -6px 15px #000;  
    outline: 1px solid #313131;  
    outline-offset: 3px;  
}
```

```
button:active{  
    background: #000;  
    transform: translate(2px 2px);  
}
```

```
.opr{  
    color: #fbff00;  
    background: #1e1919;  
    font-weight: 700;
```

```
}
```

```
#eqbtn{
```

```
  background: orangered;
```

```
  font-weight: 900;
```

```
}
```

### APP.JS

```
let inputBox = document.getElementById('inputBox')
```

```
let buttons = document.querySelectorAll('button')
```

```
let string = ''
```

```
buttons.forEach(element =>{
```

```
  element.addEventListener('click', (b)=>{
```

```
    if(b.target.innerText == '='){
```

```
      string = String(eval(string))
```

```
      inputBox.value = string;
```

```
    }
```

```
    else if(b.target.innerText == 'AC'){
```

```
      string = ''
```

```
      inputBox.value = string;
```

```
    }
```

```
    else if(b.target.innerText == 'DEL'){
```

```
      string = string.substring(0,string.length-1)
```

```
      inputBox.value = string;
```

```
    }
```

```
else if(b.target.innerText == 'plusminus'){  
    string = String(-eval(string))  
    inputBox.value = string;  
}  
else{  
    string += b.target.innerText  
    inputBox.value = string;  
}  
})  
})
```

OUTPUT:







