

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">
  <link rel="stylesheet" href="style.css">
  <title>Calculator</title>
</head>
<body>
  <div class="container">
    <div class="calculator dark">
      <div class="theme-toggler.active">
        <i class="toggler-icon"></i>
      </div>
      <div class="display_screen">
        <div id="display"></div>
      </div>
      <div class="buttons">
        <table>
          <tr>
            <td><button class="btn_operator"
id="clear">C</button></td>
            <td><button class="btn_operator" id="/">&divide
</button></td>
            <td><button class="btn_operator"
id="*">&times</button></td>
            <td><button class="btn_operator"
id="backspace"><</button></td>
          </tr>
          <tr>
            <td><button class="btn_number" id="7">7</button></td>
            <td><button class="btn_number" id="8">8</button></td>
            <td><button class="btn_number" id="9">9</button></td>
            <td><button class="btn_operator" id="-">-</button></td>
          </tr>
          <tr>
            <td><button class="btn_number" id="4">4</button></td>
            <td><button class="btn_number" id="5">5</button></td>
            <td><button class="btn_number" id="6">6</button></td>
            <td><button class="btn_operator" id="+">+</button></td>
          </tr>
          <tr>
            <td><button class="btn_number" id="1">1</button></td>
            <td><button class="btn_number" id="2">2</button></td>
            <td><button class="btn_number" id="3">3</button></td>
            <td><button class="btn_operator" id="=">=</button></td>
          </tr>
        </table>
      </div>
    </div>
  </div>
</body>
</html>
```

```

        <td><button class="btn_number" id="1">1</button></td>
        <td><button class="btn_number" id="2">2</button></td>
        <td><button class="btn_number" id="3">3</button></td>
        <td rowspan="2"><button class="btn_equal"
id="equal">=</button></td>
    </tr>
    <tr>
        <td><button class="btn_operator" id="(">(</button></td>
        <td><button class="btn_number" id="0">0</button></td>
        <td><button class="btn_operator" id=")">)</button></td>
    </tr>
</table>
</div>
</div>
</div>
<script src="script.js"></script>
</body>
</html>

```

CSS:

```

* {
    padding:0;
    margin:0;
    box-sizing:border-box;
    outline:0;
    transition: all 0.5s ease;
}
body{
    font-family: sans-serif;
}
a{
    text-decoration: none;
    color:aliceblue;
}
body{
    background-image: linear-gradient(to bottom right,rgb(0, 62, 128),rgb(92,
198, 255));
}
.container{
    height: 100vh;
    width: 100vw;
    display: grid;

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        place-items:center;
    }
    .calculator{
        position: relative;
        height: auto;
        width: auto;
        padding: 2px;
        border-radius: 10px;
        box-shadow: 0 0 30px #000;
    }
    .theme-toggler{
        position: absolute;
        top:30px;
        right:30px;
        color: #fff;
        cursor:pointer;
        z-index:1;
    }
    .theme-toggler.active{
        color:#333;
    }
    #display{
        margin:0 10px;
        height: 150px;
        width: auto;
        max-width: auto;
        display: flex;
        align-items: flex-end;
        justify-content: flex-end;
        font-size: 30px;
        margin-bottom: 20px;
        overflow: scroll;
    }
    #display::-webkit-scrollbar{
        display: block;
        height: 3px;
    }
    button{
        height:60px;
        width:60px;
        border:0;
        border-radius: 30px;
        margin: 5px;
        font-size:20px;
        cursor:pointer;
    }
```

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        transition: all 200ms ease;
    }

    button:hover{
        transform:scale(1.15);
    }
    button#equal{
        height:130px;
    }
    .calculator.dark {
        background-color: #071115;
    }

    .calculator.dark #display {
        color: #f8fafb;
    }

    .calculator.dark button#clear {
        background-color: #2d191e;
        color: #bd3740;
    }

    .calculator.dark button.btn_number {
        background-color: #1b2f38;
        color: #f8fafb;
    }

    .calculator.dark button.btn_operator {
        background-color: #2e1f39;
        color: #aa00a4;
    }

    .calculator.dark button.btn_equal {
        background-color: #223323;
        color: #ffffff;
    }

```

JAVASCRIPT:

```

const display = document.querySelector("#display");
const buttons = document.querySelectorAll("button");

```

```

buttons.forEach((item) => {
  item.onclick = () => {
    if (item.id == "clear") {
      display.innerText = "";
    } else if (item.id == "backspace") {
      let string = display.innerText.toString();
      display.innerText = string.substr(0, string.length - 1);
    } else if (display.innerText != "" && item.id == "equal") {
      display.innerText = eval(display.innerText);
    } else if (display.innerText == "" && item.id == "equal") {
      display.innerText = "Empty!";
      setTimeout(() => (display.innerText = ""), 2000);
    } else {
      display.innerText += item.id;
    }
  };
});
});

```

OUTPUT:



