

Calculator

Ss

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Calculator</title>
```

```
<style>
```

```
body {
```

```
background: #f0f8ff;
```

```
text-align: center;
```

```
margin-top: 40px;
```

```
}
```

```
.calculator {
```

```
background: #fff;
```

```
padding: 15px;
```

```
border-radius: 8px;
```

```
display: inline-block;
```

```
box-shadow: 0 0 5px #aaa;
```

```
}
```

```
input {
```

```
width: 160px;
```

```
height: 30px;
```

```
text-align: right;
```

```
margin-bottom: 10px;
```

```
}
```

```
button {
```

```
width: 35px;
```

```
height: 35px;
```

```
margin: 3px;
```

```
border: none;
```

```
border-radius: 4px;
```

```
color: #fff;
```

```
}
```

```
button:nth-child(odd) {
```

```
background: #ff7675;
```

```
}
```

```
button:nth-child(even) {
```

```
background: #74b9ff;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="calculator">
```

```
<input type="text" id="result" readonly><br>
```

```

<button onclick="clearScreen()">C</button>
<button onclick="square()">x2</button>
<button onclick="append('/')">/</button>
<button onclick="append('*')">*</button><br>
<button onclick="append('7')">7</button>
<button onclick="append('8')">8</button>
<button onclick="append('9')">9</button>
<button onclick="append('-')">-</button><br>
<button onclick="append('4')">4</button>
<button onclick="append('5')">5</button>
<button onclick="append('6')">6</button>
<button onclick="append('+')">+</button><br>
<button onclick="append('1')">1</button>
<button onclick="append('2')">2</button>
<button onclick="append('3')">3</button>
<button onclick="calculate()">=</button><br>
<button onclick="append('0')">0</button>
<button onclick="append('.')">.</button>
</div>
<script>
  function append(v) { document.getElementById("result").value += v; }
  function clearScreen() { document.getElementById("result").value = ""; }
  function calculate() {
    try {
      let exp = document.getElementById("result").value;
      let res = eval(exp);
      if (isNaN(res)) { alert("Invalid"); clearScreen(); }
      else { document.getElementById("result").value = exp + " = " + res; }
    } catch { alert("Invalid"); clearScreen(); }
  }
  function square() {
    let n = parseFloat(document.getElementById("result").value);
    if (isNaN(n)) { alert("Enter number"); }
    else { document.getElementById("result").value = n + "2 = " + (n * n); }
  }
</script>
</body>

</html>

```

