Name = Aman kumar mishra

roll no = 202501100500031

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Simple Calculator</title>

<style>

body{

    display:flex;justify-content:center;align-items:center;height:100vh;

    background:#0f172a;font-family:Arial,sans-serif;

}

.calculator{

    background:#1e293b;padding:20px;border-radius:12px;box-shadow:0 8px 20px rgba(0,0,0,0.5);

}

#display{

    width:100%;height:50px;font-size:1.5em;margin-bottom:15px;

    text-align:right;padding:10px;border:none;border-radius:8px;

}

.buttons{

    display:grid;grid-template-columns:repeat(4,70px);gap:10px;

}

button{

    height:60px;font-size:1.2em;border:none;border-radius:8px;
```

```
      background:#334155;color:#fff;cursor:pointer;
}
button:hover{background:#475569;}
button.operator{background:#0ea5e9;}
button.operator:hover{background:#0284c7;}
button.equal{background:#22c55e;}
button.equal:hover{background:#16a34a;}
button.clear{background:#ef4444;}
button.clear:hover{background:#dc2626;}
</style>
</head>
<body>
<div class="calculator">
    <input type="text" id="display" disabled>
    <div class="buttons">
        <!-- Clear button added -->
        <button class="clear" onclick="clearDisplay()">C</button>
        <button onclick="appendValue('(')">(</button>
        <button onclick="appendValue(')')">)</button>
        <button class="operator" onclick="appendValue('/')">÷</button>

        <button onclick="appendValue('7')">7</button>
        <button onclick="appendValue('8')">8</button>
        <button onclick="appendValue('9')">9</button>
        <button class="operator" onclick="appendValue('*')">×</button>
```

```html
        <button onclick="appendValue('4')">4</button>

        <button onclick="appendValue('5')">5</button>

        <button onclick="appendValue('6')">6</button>

        <button class="operator" onclick="appendValue('-')">−</button>


        <button onclick="appendValue('1')">1</button>

        <button onclick="appendValue('2')">2</button>

        <button onclick="appendValue('3')">3</button>

        <button class="operator" onclick="appendValue('+')">+</button>


        <button onclick="appendValue('0')">0</button>

        <button onclick="appendValue('.')">.</button>

        <button class="equal" onclick="calculate()">=</button>

    </div>

</div>


<script>

function appendValue(val){

    document.getElementById('display').value += val;

}

function clearDisplay(){

    document.getElementById('display').value = '';

}

function calculate(){

    try{

        document.getElementById('display').value = eval(document.getElementById('display').value);
```

```
    }catch{

        document.getElementById('display').value = 'Error';

    }

}

</script>

</body>

</html>
```