CvSU Vision

The premier University in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.

CAVITE STATE UNIVERSITY
Imus Campus
Cavite Civic Center Palico IV, Imus, Cavite
(046) 471-66-07 / (046) 471-67-70 / (046) 686- 23-49
www.cvsu.edu.ph

CvSU Mission

Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.
It shall produce professional, skilled and morally upright individuals for global competitiveness.

DEPARTMENT OF COMPUTER STUDIES
ITEC 106 – IT ELECTIVE 2 (WEB SYSTEM AND TECHNOLOGIES 2)

Name : Chesca Simon	Section : BSIT 3C
Assignment No : 1	Submission Date : March 16, 2024
Assignment Title: Calculator	

Code :

HTML FILE

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewpoert" content="width=device-width, initial-scale=1.0">
    <title>Calculator</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
<div id="calcu">
<input id="display" readonly>
<div id="keys">
<button onclick="appendToDisplay('+')" class="operator-btn">+</button>
<button onclick="appendToDisplay('7')">7</button>
<button onclick="appendToDisplay('8')">8</button>
<button onclick="appendToDisplay('9')">9</button>

<button onclick="appendToDisplay('-')" class="operator-btn">-</button>
<button onclick="appendToDisplay('4')">4</button>
<button onclick="appendToDisplay('5')">5</button>
<button onclick="appendToDisplay('6')">6</button>

<button onclick="appendToDisplay('*')" class="operator-btn">*</button>
<button onclick="appendToDisplay('1')">1</button>
```

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```html
<button onclick="appendToDisplay('2')">2</button>
<button onclick="appendToDisplay('3')">3</button>

<button onclick="appendToDisplay('/')" class="operator-btn">/</button>
<button onclick="appendToDisplay('0')">0</button>
<button onclick="appendToDisplay('.')">.</button>
<button onclick="calculate()">= </button>
<button onclick="clearDisplay()" class="operator-btn">C</button>
</div>
</div>


<script src="calcu.js"> </script>
</body>
</html>
```

JS FILE

```javascript
<script>


const display = document.getElementById("display");
function appendToDisplay(input){
 display.value += input;
}
function clearDisplay(){ display.value ="";
}
function calculate(){
 try{
 display.value = eval(display.value);}
 catch(error){  display.value ="Error";
 }
}
</script>
```

CSS FILE

```css
<style>
	body{
```

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```css
        margin: 0;
        margin-left: 20px;
        display: flex;
        justify-content: center;
        align-items: center;
        height:100vh;

}

#display {
        width: 100%;
        padding:10px;
        font-size: 3rem;
        text-align: left;
        border: none;
        background-color: hsl(0, 0%, 20%);
        height: 75px;
        color: white;
}

#calcu {
        font-family: Arial, sans-serif;
        background-color: #262626;
        border-radius: 15px;
        max-width:280px;
        overflow: hidden;
}

#keys{
        display:grid;
        grid-template-columns:repeat(4,1fr);
        gap:15px;
        padding: 25px;
        margin-left: -6px;

}

button{
        width: 50px;
        height: 50px;
        border-radius: 50px;
```

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```
        border: none;
        background-color: hsl(0, 0%, 30%);
        color: white;
        font-size: 25px;
        font-weight:bold;
        cursor:pointer;

}

button:hover{
        background-color: hsl(0, 0%, 40%);

}

button:active{
        background-color: hsl(0, 0%, 50%);
}

.operator-btn{
        background-color: #ff9f1a;
}
</style>
```

SCREENSHOT