

**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](http://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 : Aubriana Chanelle M Buyo	Section : BSIT 3C
Assignment No : 1	Submission Date : Mar 3, 2024
Assignment Title: Calculator	

**Code :**

```
<!DOCTYPE html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Calculator</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
    }
    .calculator {
      width: 350px;
      margin: 40px auto;
      height: 530px;
      background-color: #191919;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      border-radius: 5%;
    }
    .calculator input[type="button"] {
      width: 70px;
      height: 70px;
      margin: 5px;
      font-size: 30px;
      border-radius: 50%;
      background-color: #595959;
      color: white;
      font-weight: bold;
    }
    .calculator input[type="button"].operator {
      background-color: orange;
```

### 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](http://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)

```
}  
.result {  
  margin-bottom: 10px;  
  padding: 35px;  
  font-size: 60px; /* Increased font size */  
  text-align: left;  
  background-color:#262626;  
  color: white;  
  height: 30px;  
  width: 320;  
  border-radius: 5%;  
}  
</style>  
</head>  
<body>  
  
<div class="calculator">  
  
  <div class="result" id="result">0</div>  
  <input type="button" class="operator" value="+" onclick="appendToResult('+')">  
  
  <input type="button" value="7" onclick="appendToResult('7')">  
  <input type="button" value="8" onclick="appendToResult('8')">  
  <input type="button" value="9" onclick="appendToResult('9')">  
  
  <br>  
  <input type="button" class="operator" value="-" onclick="appendToResult('-')">  
  
  <input type="button" value="4" onclick="appendToResult('4')">  
  <input type="button" value="5" onclick="appendToResult('5')">  
  <input type="button" value="6" onclick="appendToResult('6')">  
  
  <br>  
  <input type="button" class="operator" value="*" onclick="appendToResult('*')">  
  
  <input type="button" value="1" onclick="appendToResult('1')">  
  <input type="button" value="2" onclick="appendToResult('2')">  
  <input type="button" value="3" onclick="appendToResult('3')">
```

**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](http://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)**

```

<br>
<input type="button" class="operator" value="/" onclick="appendToResult('/')">
  <input type="button" value="0" onclick="appendToResult('0')">
  <input type="button" value="." onclick="appendToResult('.')">
  <input type="button" class="operator1" value="=" onclick="calculate()">
<br>
<input type="button" class="operator" value="C" onclick="clearResult()">

</div>

<script>
function appendToResult(value) {
  document.getElementById('result').textContent += value;
}

function clearResult() {
  document.getElementById('result').textContent = '0';
}

function calculate() {
  var result = document.getElementById('result').textContent;
  var calculation = eval(result);
  document.getElementById('result').textContent = calculation;
}
</script>

</body>
</html>

```

### **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](http://www.cvsu.edu.ph)

### **CvSU Mission**

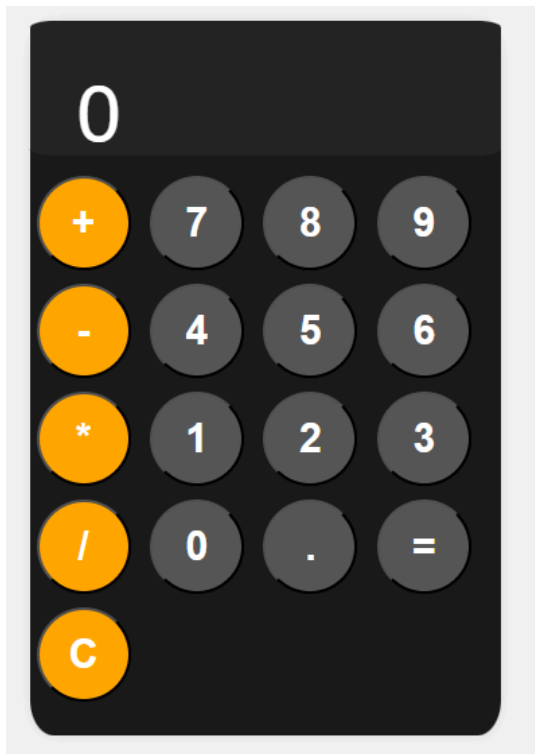
*Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.*

*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)**

### **SCREENSHOT**



### **Dictionary:**

1. 'border-radius: This property is used to create rounded corners for an element's border. In the provided code, it's applied to the buttons to give them a circular shape.

### **Example:**

```
.calculator input[type="button"] {  
  border-radius: 50%; /* Makes the button circular */  
}
```

#### **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](http://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)**

2. `eval()`: The `eval()` function evaluates JavaScript code represented as a string. It executes the code provided as an argument.

#### **Example:**

```
var result = eval('2 + 2'); // result will be 4
```

3. `textContent`: This property of the `Element` interface represents the text content of a node and its descendants. It can be used to set or get the text content of an element.

#### **Example:**

```
document.getElementById('result').textContent = 'Hello, World!';
```

4. `box-shadow`: This CSS property adds shadow effects around an element's frame. It accepts parameters to specify the size, color, and spread of the shadow.

#### **Example:**

```
.calculator {  
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

5. `meta viewport`: This meta tag is used in HTML to control the layout on mobile browsers. It ensures that the webpage is rendered correctly on various devices by specifying the width and scaling properties.

#### **Example:**

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