



# cc calculator

4 messages

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To: beherasangeeta14@gamil.com

Wed, Apr 2, 2025 at 1:00 PM

```
<apex:page controller="MyCalculator">
  <apex:form >
    <apex:pageBlock title="Simple Calculator">
      <apex:pageBlockSection columns="2">
        <apex:inputText value="{!val1}" label="First Number"/>
        <apex:inputText value="{!val2}" label="Second Number"/>

        <apex:selectList value="{!func}" size="1" label="Select Operation">
          <apex:selectOptions value="{!operations}"/>
        </apex:selectList>

        <apex:commandButton value="Calculate" action="{!finds}" rerender="resultBlock"/>
      </apex:pageBlockSection>

      <apex:outputPanel id="resultBlock">
        <apex:pageBlockSection title="Result">
          <apex:outputText value="Result: {!result}" style="font-weight:bold; font-size:16px;"/>
        </apex:pageBlockSection>
      </apex:outputPanel>
    </apex:pageBlock>
  </apex:form>
</apex:page>
```

////

public

```
public class MyCalculator {  public Double val1 { get; set; }
  public Double val2 { get; set; }
  public Double result { get; set; }
  public String func { get; set; }

  // Constructor with default values
  public MyCalculator() {
    val1 = 0;
    val2 = 0;
    result = 0;
    func = 'add'; // Default operation
  }

  // Method to populate dropdown options
  public List<SelectOption> getOperations() {
    List<SelectOption> options = new List<SelectOption>();
    options.add(new SelectOption('add', 'Addition (+)'));
    options.add(new SelectOption('sub', 'Subtraction (-)'));
    options.add(new SelectOption('mul', 'Multiplication (*)'));
    options.add(new SelectOption('div', 'Division (/)'));
    options.add(new SelectOption('mod', 'Modulo (%)'));
    return options;
  }

  // Calculation method
  public void finds() {
    if (func == 'add') {
      result = val1 + val2;
    } else if (func == 'sub') {
      result = val1 - val2;
    } else if (func == 'mul') {
      result = val1 * val2;
    } else if (func == 'div') {
      if (val2 == 0) {
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Division by zero is not allowed.'));
        return;
      }
      result = val1 / val2;
    } else if (func == 'mod') {
      if (val2 == 0) {
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Modulo by zero is not allowed.'));
        return;
      }
      Integer temp = Math.mod(Integer.valueOf(val1), Integer.valueOf(val2));
      result = Double.valueOf(temp);
    } else {
      ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Invalid operation selected.'));
    }
  }
}
```



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