**CC Assignment 4**

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**Simple Calculator using Salesforce**

**Codes:**

1. **CalculatorController.apxc**

**public class CalculatorController {**

**public Decimal num1 { get; set; }**

**public Decimal num2 { get; set; }**

**public Decimal result { get; set; }**

**public String operation { get; set; }**

**public PageReference calculate() {**

**if (operation == 'add') {**

**result = num1 + num2;**

**} else if (operation == 'subtract') {**

**result = num1 - num2;**

**} else if (operation == 'multiply') {**

**result = num1 \* num2;**

**} else if (operation == 'divide') {**

**if (num2 == 0) {**

**ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Cannot divide by zero.'));**

**return null;**

**}**

**result = num1 / num2;**

**}**

**return null;**

**}**

**}**

1. **CalculatorPage.vfp**

**<apex:page controller="CalculatorController">**

**<apex:form >**

**<apex:pageMessages />**

**<apex:pageBlock title="Simple Calculator">**

**<apex:pageBlockSection columns="1">**

**<apex:inputText label="First Number" value="{!num1}" />**

**<apex:inputText label="Second Number" value="{!num2}" />**

**<apex:selectRadio value="{!operation}" layout="pageDirection">**

**<apex:selectOption itemLabel="Add" itemValue="add"/>**

**<apex:selectOption itemLabel="Subtract" itemValue="subtract"/>**

**<apex:selectOption itemLabel="Multiply" itemValue="multiply"/>**

**<apex:selectOption itemLabel="Divide" itemValue="divide"/>**

**</apex:selectRadio>**

**<apex:commandButton value="Calculate" action="{!calculate}" />**

**<apex:outputText value="Result: {!result}" style="font-weight:bold; display:block; margin-top:10px;" />**

**</apex:pageBlockSection>**

**</apex:pageBlock>**

**</apex:form>**

**</apex:page>**

**Output:**

**A screenshot of a computer

AI-generated content may be incorrect.**