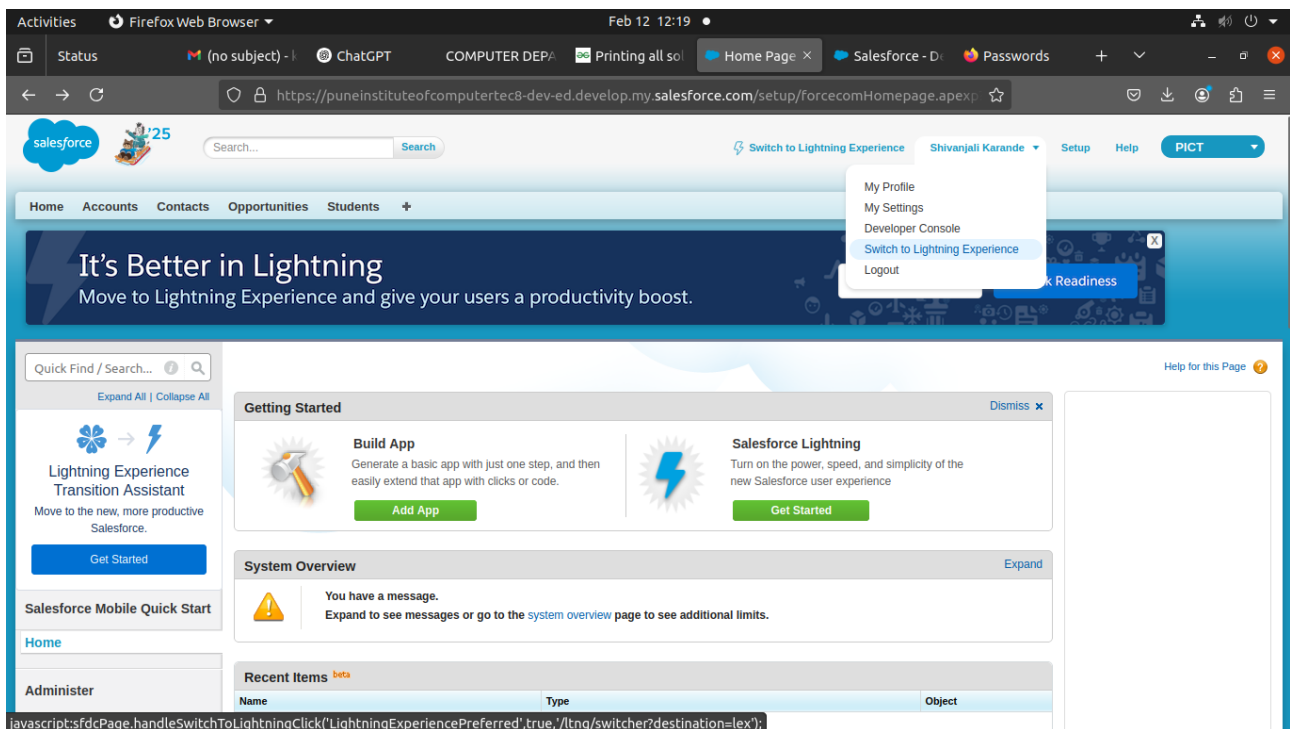


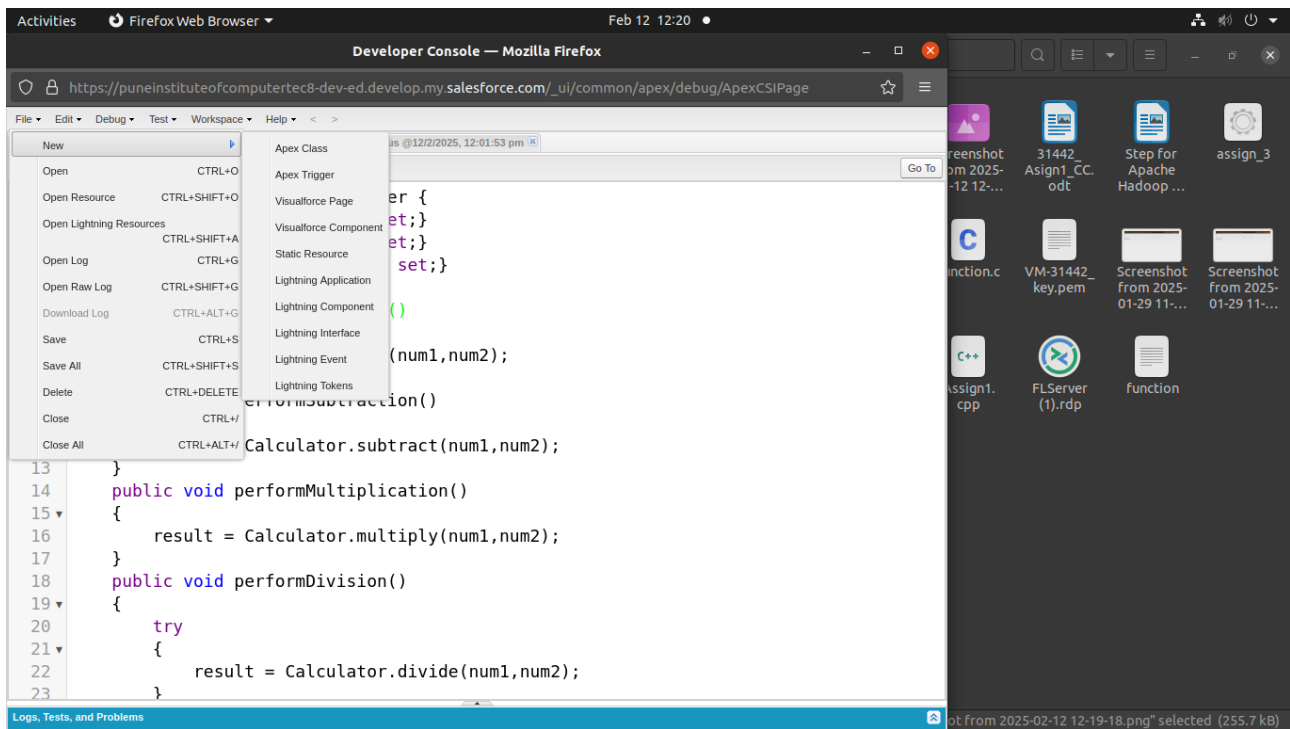
## ASSIGNMENT NO.

### Steps:

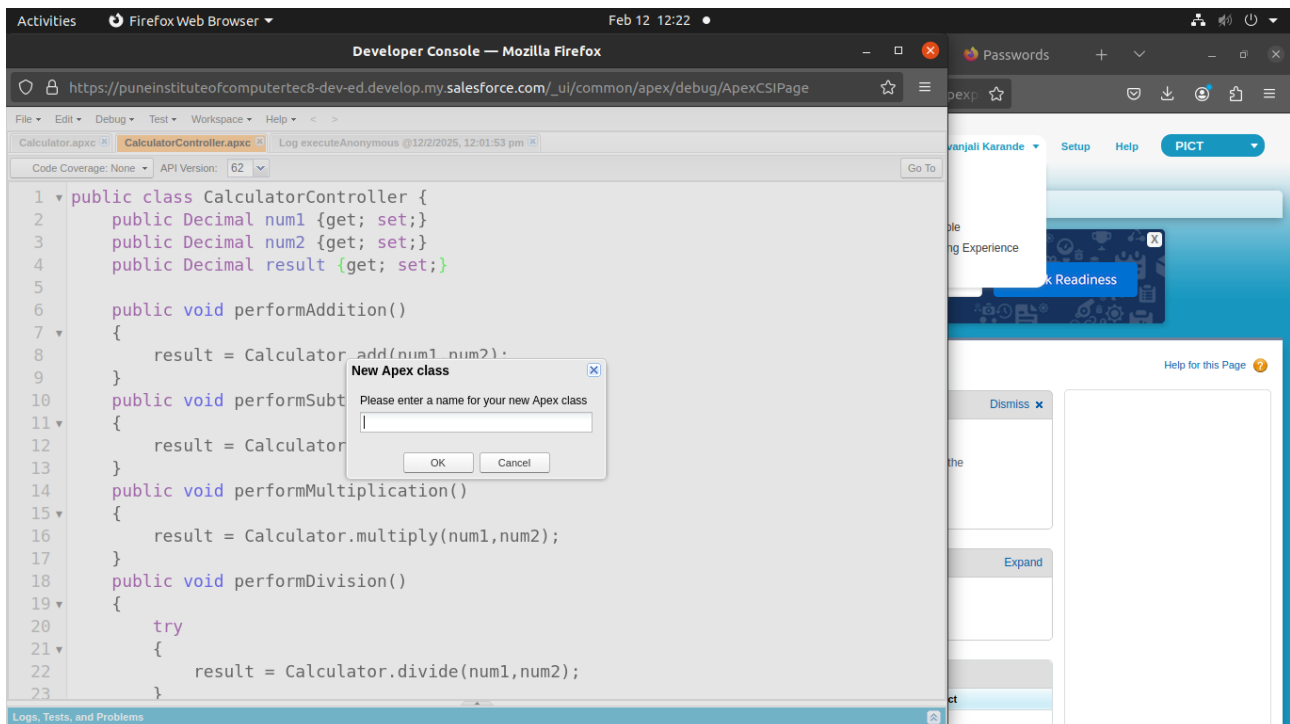
- **Select Developer Console**

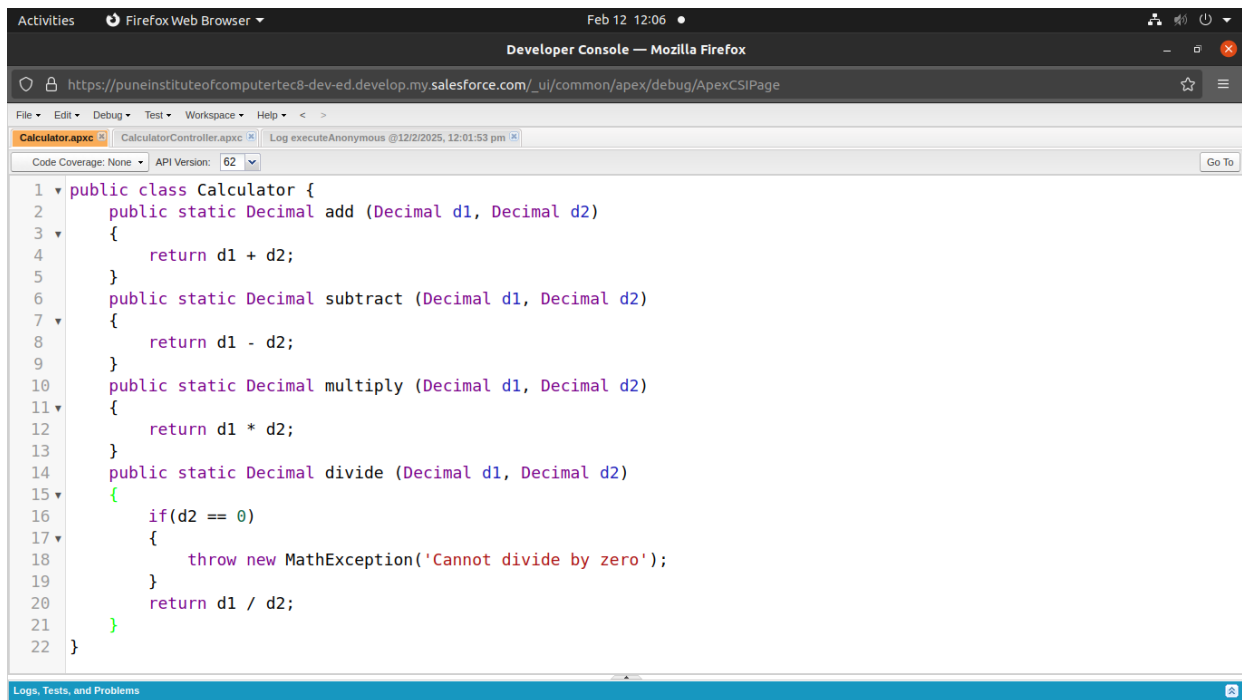


- **Choose File -> New -> Apex Class**



- **Create** two files : Calculator.apxc , CalculatorController.apxc

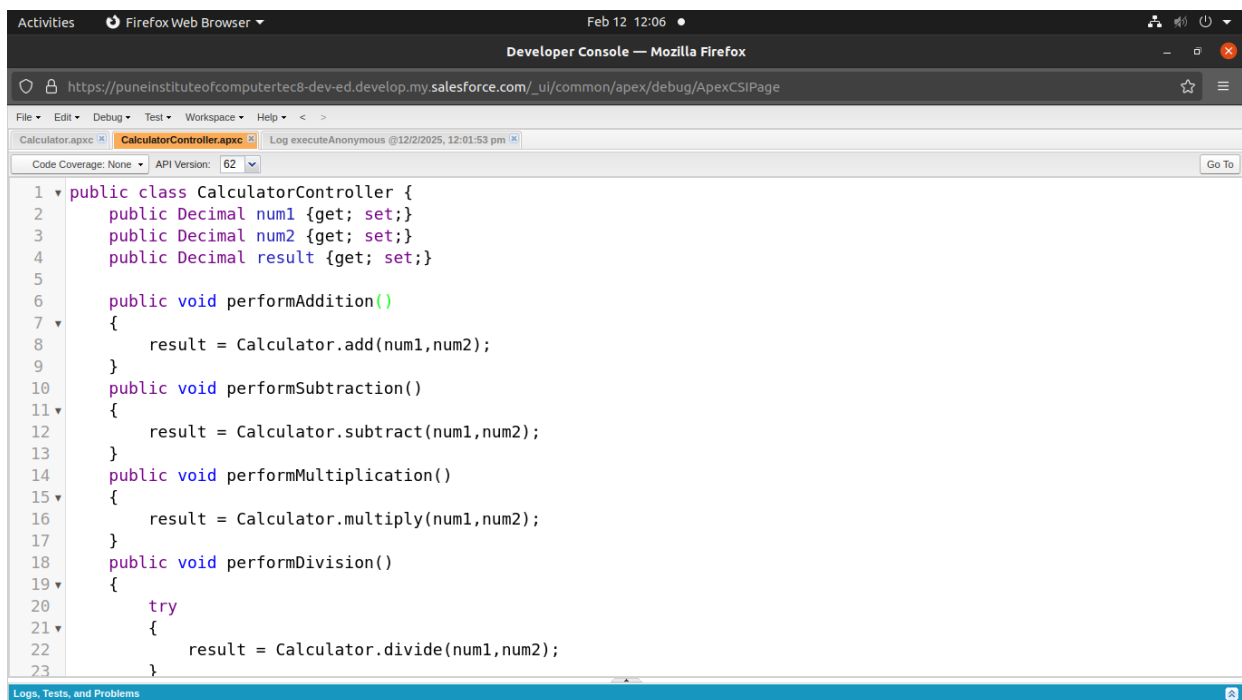




The screenshot shows the Salesforce Developer Console in Mozilla Firefox. The browser address bar displays the URL: `https://puneinstituteofcomputertec8-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage`. The console title is "Developer Console — Mozilla Firefox". The file explorer at the top shows two files: "Calculator.apex" and "CalculatorController.apex". The "Calculator.apex" file is open in the editor, showing the following code:

```
1 public class Calculator {
2     public static Decimal add (Decimal d1, Decimal d2)
3     {
4         return d1 + d2;
5     }
6     public static Decimal subtract (Decimal d1, Decimal d2)
7     {
8         return d1 - d2;
9     }
10    public static Decimal multiply (Decimal d1, Decimal d2)
11    {
12        return d1 * d2;
13    }
14    public static Decimal divide (Decimal d1, Decimal d2)
15    {
16        if(d2 == 0)
17        {
18            throw new MathException('Cannot divide by zero');
19        }
20        return d1 / d2;
21    }
22 }
```

The bottom status bar indicates "Logs, Tests, and Problems".

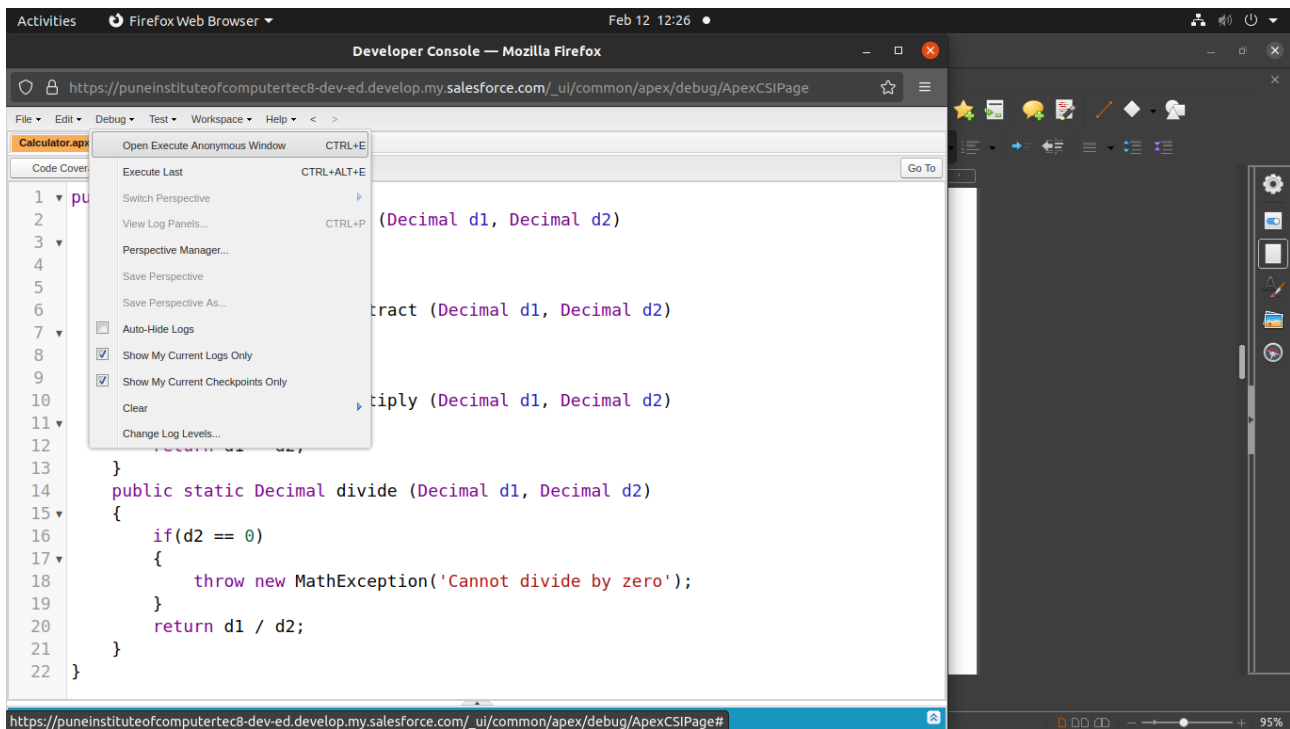


The screenshot shows the Salesforce Developer Console in Mozilla Firefox. The browser address bar displays the URL: `https://puneinstituteofcomputertec8-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage`. The console title is "Developer Console — Mozilla Firefox". The file explorer at the top shows two files: "Calculator.apex" and "CalculatorController.apex". The "CalculatorController.apex" file is open in the editor, showing the following code:

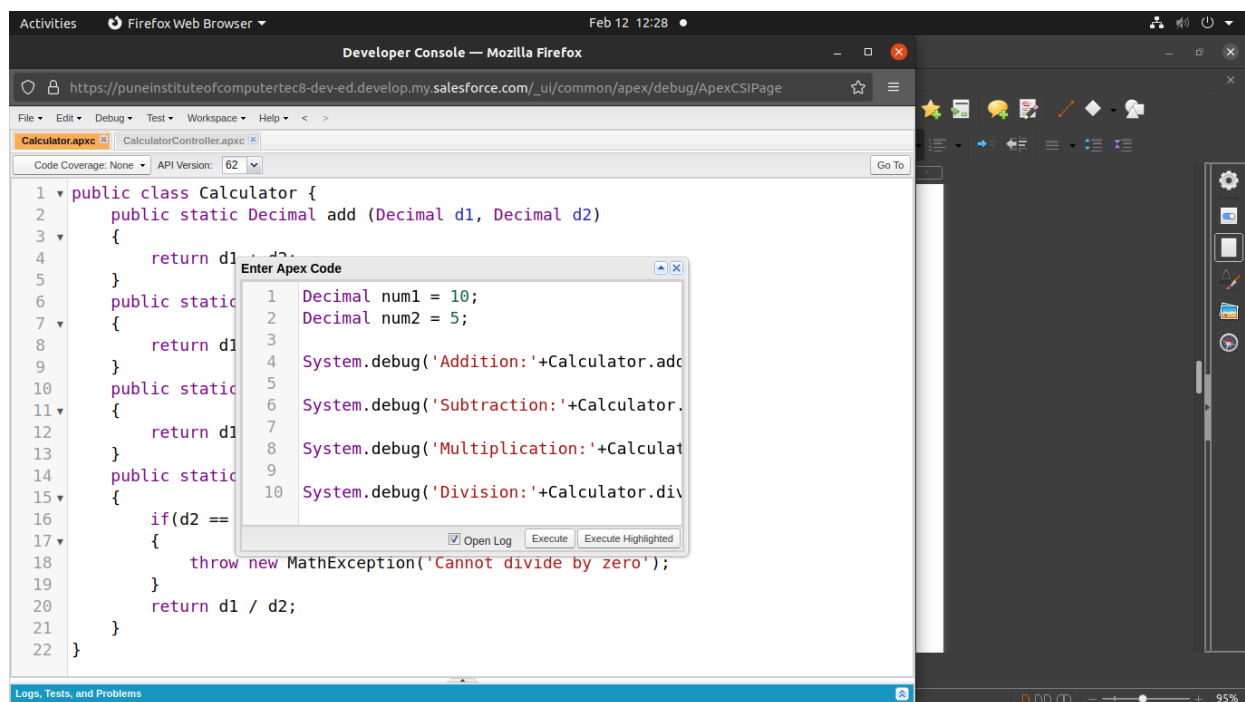
```
1 public class CalculatorController {
2     public Decimal num1 {get; set;}
3     public Decimal num2 {get; set;}
4     public Decimal result {get; set;}
5
6     public void performAddition()
7     {
8         result = Calculator.add(num1,num2);
9     }
10    public void performSubtraction()
11    {
12        result = Calculator.subtract(num1,num2);
13    }
14    public void performMultiplication()
15    {
16        result = Calculator.multiply(num1,num2);
17    }
18    public void performDivision()
19    {
20        try
21        {
22            result = Calculator.divide(num1,num2);
23        }
24    }
```

The bottom status bar indicates "Logs, Tests, and Problems".

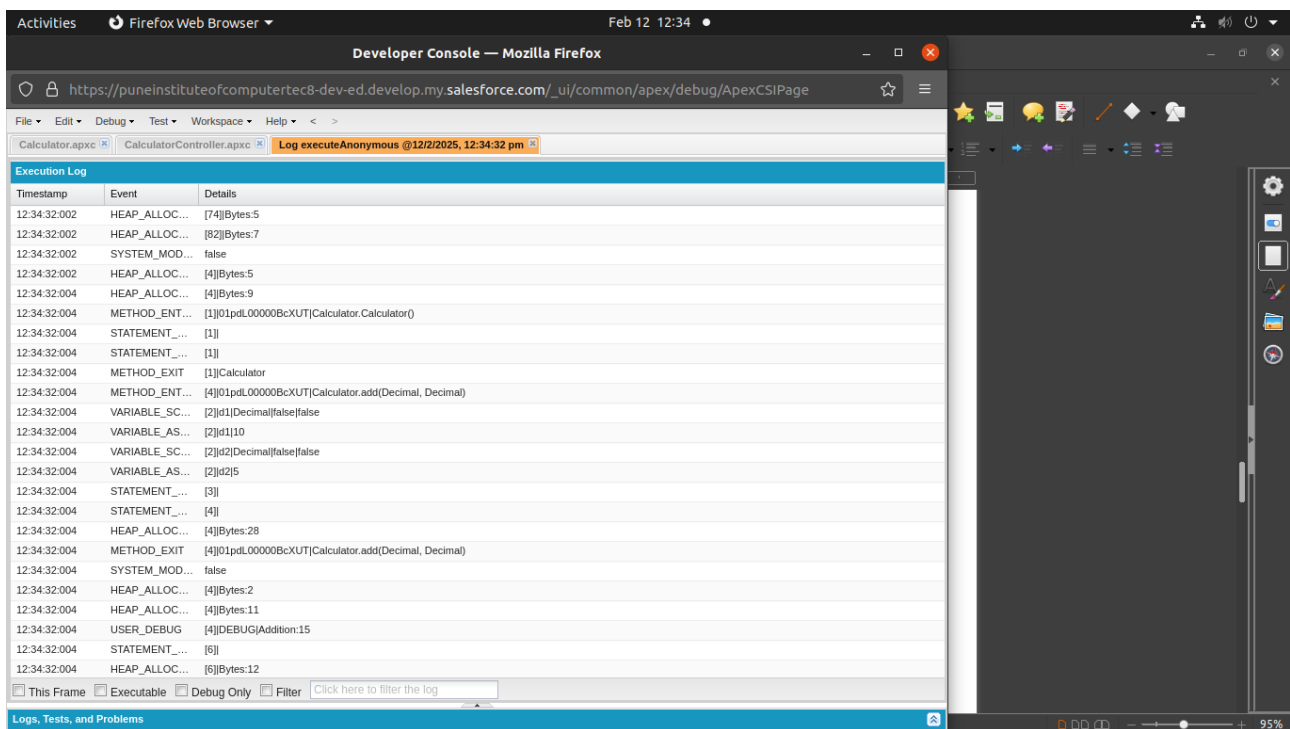
- Go to Calculator file -> **Debug (Menubar) -> Open Execute Anonymous Window**



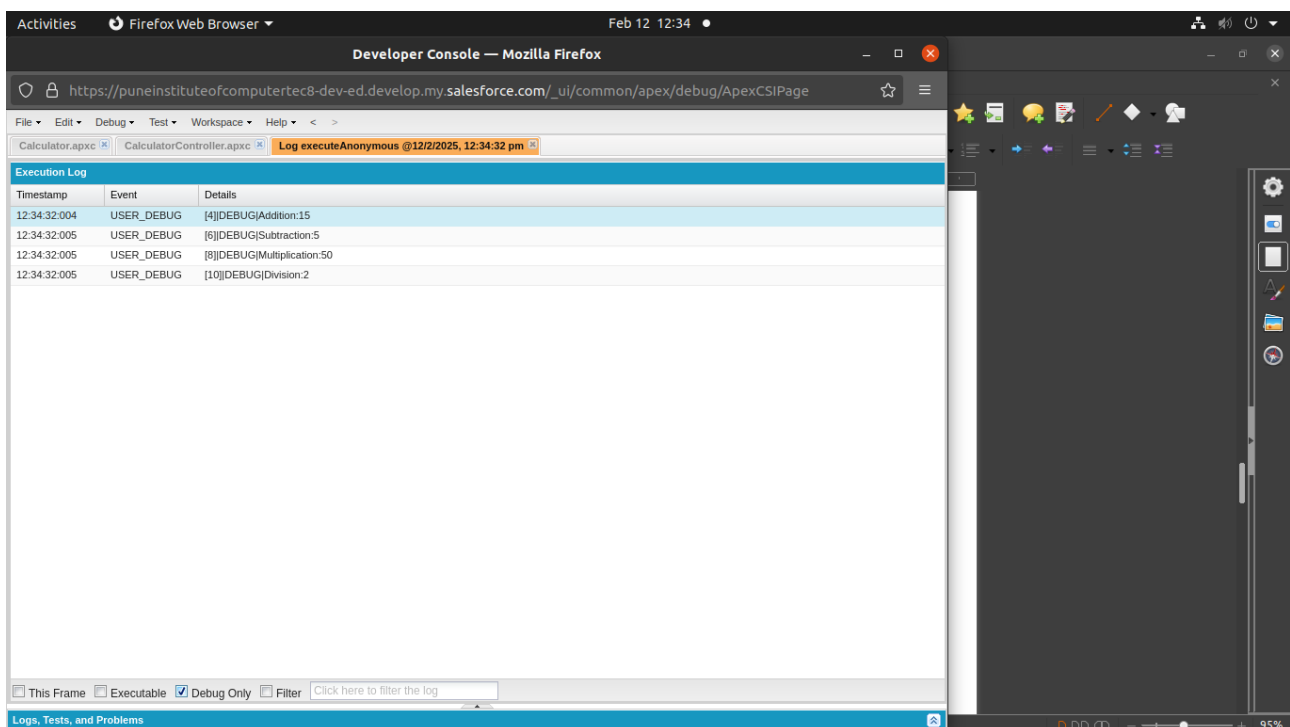
- **Apex Code** window will get open -> Add apex code to execute
- Click on **Execute** button.



- **Log** will appear.
- Click on **Debug** only checkbox at bottom.



- **Output** will get displayed.



- Go to Salseforce Page -> Setup -> Search VisualForce Pages -> Click on NEW Button

Activities Firefox Web Browser Feb 12 12:37

https://puneinstituteofcomputertec8-dev-ed.develop.my.salesforce.com/setup/forcecomHomepage.apex

Search... Search

Switch to Lightning Experience Shivanjali Karande Setup Help PICT

Home Accounts Contacts Opportunities Students

It's Better in Lightning  
Move to Lightning Experience and give your users a productivity boost.

Tell Me More Check Readiness

Visual

Expand All Collapse All

Build

Develop

Visualforce Components

Visualforce Pages

Getting Started

Dismiss

Build App

Generate a basic app with just one step, and then easily extend that app with clicks or code.

Add App

Salesforce Lightning

Turn on the power, speed, and simplicity of the new Salesforce user experience

Get Started

System Overview

Expand

You have a message.

Expand to see messages or go to the [system overview](#) page to see additional limits.

Recent Items beta

Name	Type	Object
https://puneinstituteofcomputertec8-dev-ed.develop.my.salesforce.com/apexpages/setup/listApexPage.apex?retURL=/ui/setup/Setup?setupid=DevToolsIntegrate&setupid=ApexPages		

Activities Firefox Web Browser Feb 12 12:37

https://puneinstituteofcomputertec8-dev-ed.develop.my.salesforce.com/apexpages/setup/listApexPage.a

Visualforce

Visualforce Pages

Visualforce Pages provide a robust and easy to use mechanism to create new and exciting user experiences for your application or to enhance existing applications to optimize your users' productivity.

View: All Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Action	Label	Name	Namespace Prefix	Api Version	Description	Created By Alias	Created Date	Last Modified By Alias	Last Modified Date
<a href="#">Edit</a> <a href="#">Del</a> <a href="#">Security</a>	CalculatorPage	CalculatorPage		62.0		SKara	29/01/2025, 11:51 am	SKara	29/01/2025, 11:51 am

Lightning Experience Transition Assistant

Move to the new, more productive Salesforce.

Get Started

Salesforce Mobile Quick Start

Home

Administer

- Release Updates
- Manage Users
- Manage Apps
- Manage Territories
- Company Profile
- Data Classification
- Privacy Center

- Add **label**, **apex code** in visualforce markup.
- Click on **Preview**

The screenshot shows the Salesforce Visualforce Markup editor interface. The left sidebar contains the following navigation links:

- Lightning Experience Transition Assistant
- Move to the new, more productive Salesforce. [Get Started](#)
- Salesforce Mobile Quick Start
- Home
- Administer
  - Release Updates
  - Manage Users
  - Manage Apps
  - Manage Territories
  - Company Profile
  - Data Classification
  - Privacy Center
  - Security Controls
  - Domain Management
  - Communication Templates
  - Translation Workbench
  - Data Management
  - Mobile Administration
  - Desktop Administration
  - Outlook Integration and Sync
  - Gmail Integration and Sync
  - Email Administration
  - Google Apps

The main area displays the Visualforce Markup code for the 'CalculatorPage' component. The code is as follows:

```
<apex:page controller="CalculatorController">
  <apex:form>
    <apex:pageBlock title="Calculator">
      <apex:pageBlockSection>
        <apex:outputLabel value="Number 1:" />
        <apex:inputText value="{!num1}" />
        <apex:outputLabel value="Number 2:" />
        <apex:inputText value="{!num2}" />
      </apex:pageBlockSection>
      <apex:commandButton value="Add" action="{!performAddition}" />
      <apex:commandButton value="Subtract" action="{!performSubtraction}" />
      <apex:commandButton value="Multiply" action="{!performMultiplication}" />
      <apex:commandButton value="Divide" action="{!performDivision}" />
      <apex:pageBlockSection>
        <apex:outputText value="Result: {!result}" />
      </apex:pageBlockSection>
    </apex:pageBlock>
  </apex:form>
</apex:page>
```

At the bottom right of the code editor, there are several buttons: [Edit](#), [Delete](#), [Clone](#), [Where is this used?](#), [Show Dependencies](#), and [Preview](#).

- Perform all calculations to demonstrate calculator application

