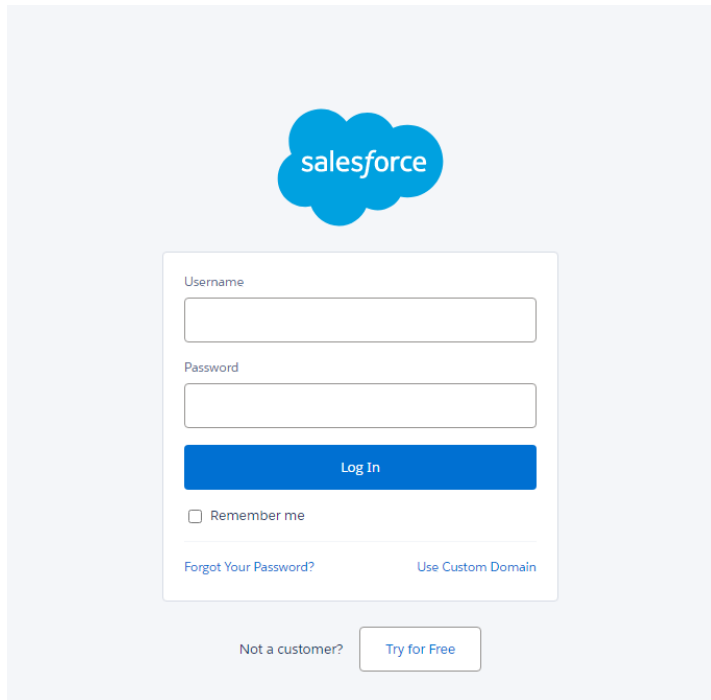


## Assignment No: 9

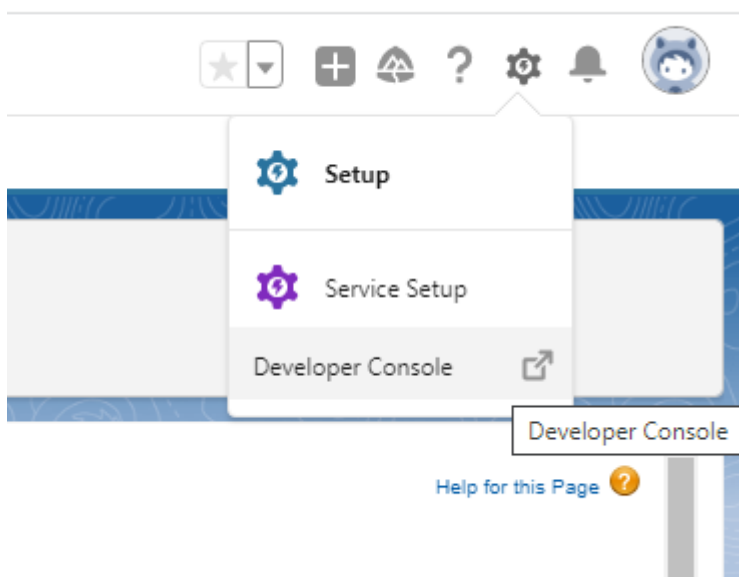
**Aim: Creating an Application in Salesforce.com using Apex Programming Language**

### Step 1: Log into Salesforce Developer account.

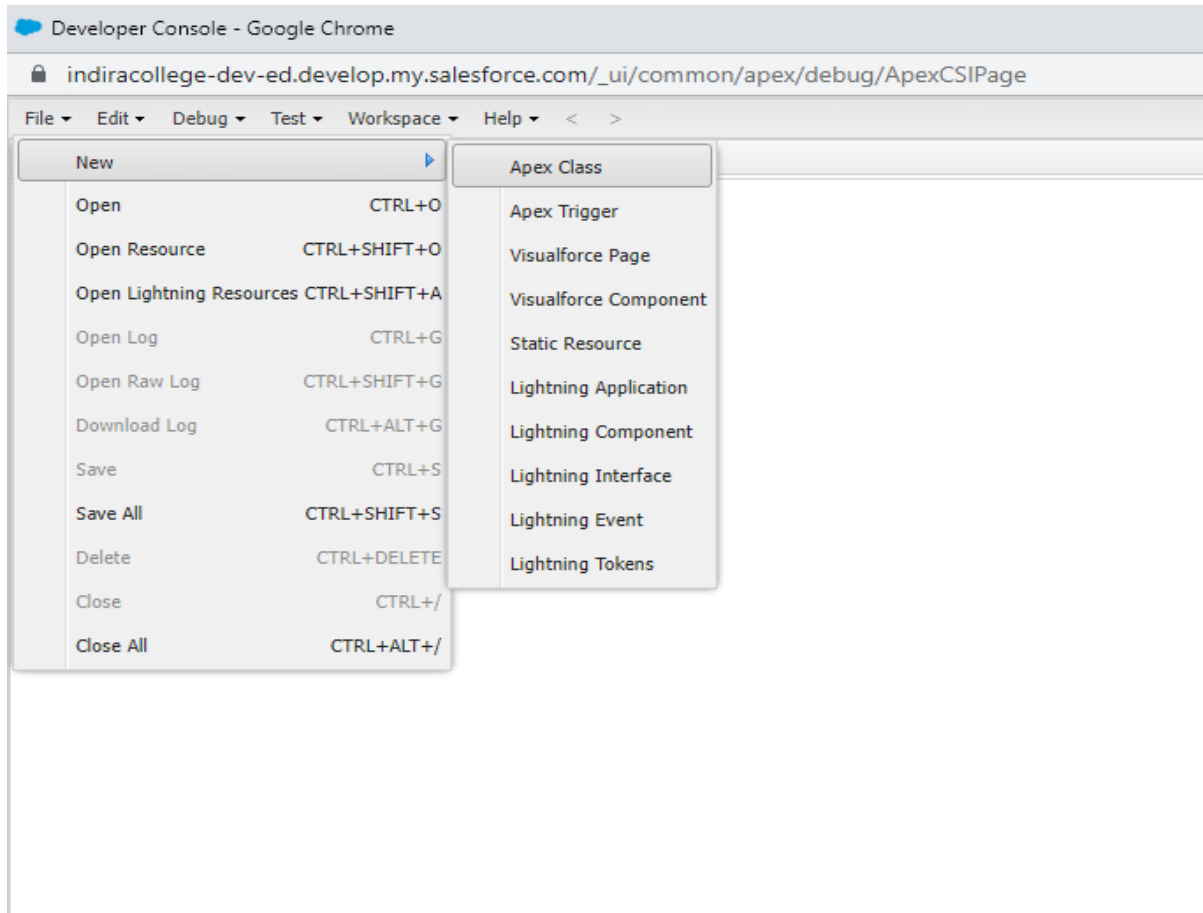
<https://login.salesforce.com/?locale=in>



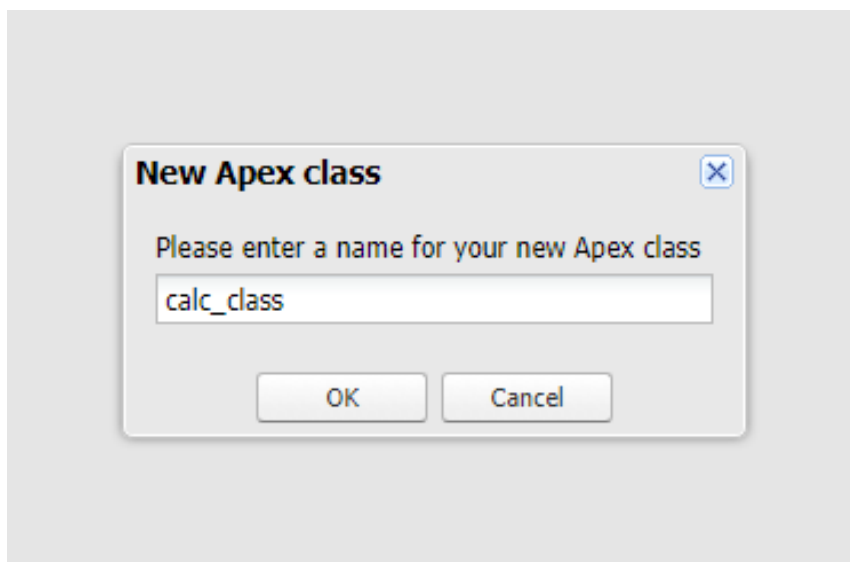
### Step 2: Click on Setup option (Upper Right Corner) and select Developer Console



### Step 3: Click on File Menu-→ New→Apex Class



### Enter Class Name: Calc\_class



## Step 4: Write Apex class for Calculator Functionality

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

    public Sample ()
    {
    }

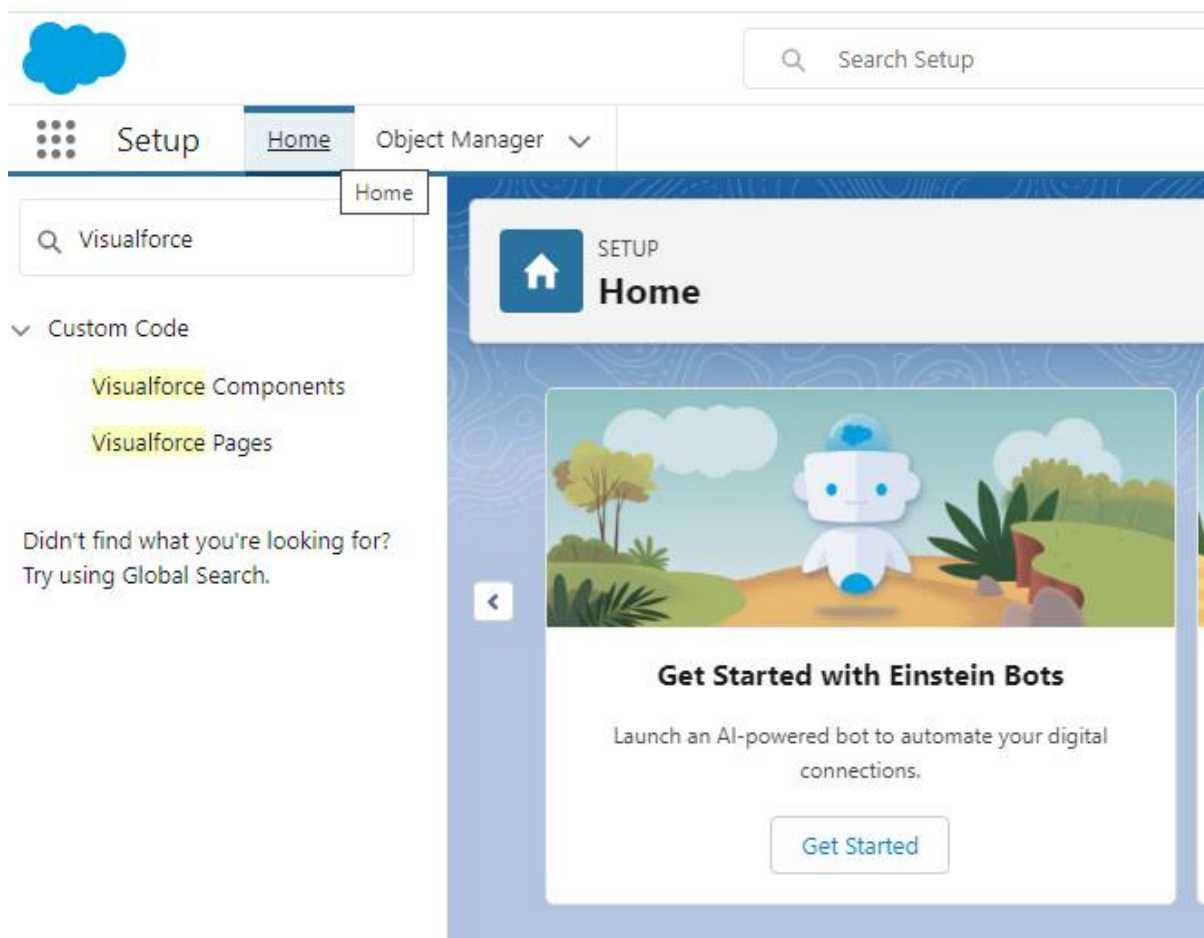
    public void finds ()
    {
        if (func == 'add')
        {
            result = val1 + val2;
        }
        else if (func == 'sub')
        {
            result = val1 - val2;
        }
        else if (func == 'div')
        {
            result = val1 / val2;
        }
        else
        {
            Integer temp = math.mod(Integer.valueOf(val1), Integer.valueOf(val2));

            result = Double.valueOf(temp);
        }
    }
}
```

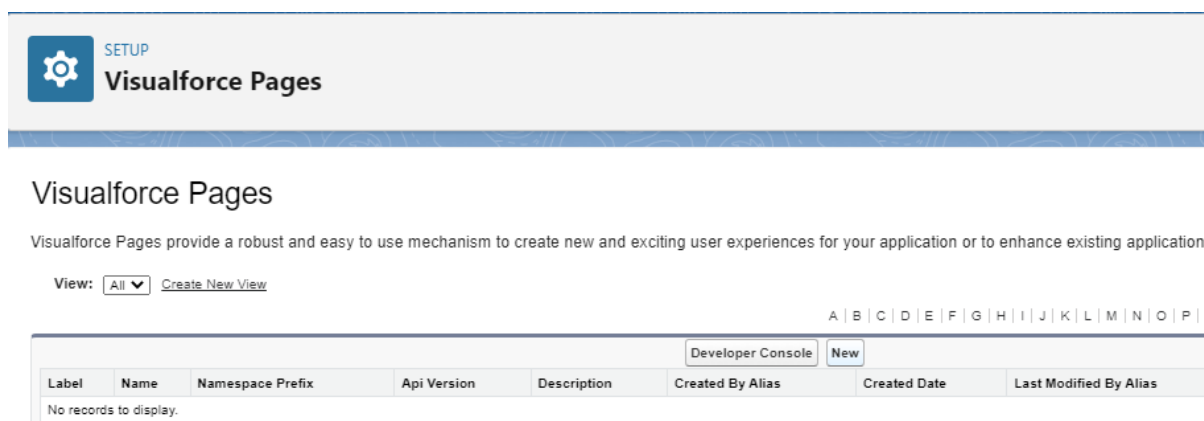
**Save Apex class: Click on Save or Ctrl + s → Close Window**

**Note:** If program having error it will be displayed in problems tab.

**Step 5: Click on Home Menu → below home menu in the search option write visualforce and select visualforce pages option**



**Click on New option**



### Step 6: Give Label Name: calc\_app and hit tab button

**Write Visualforce Markup code and click on save button**

\*\*\*Note: Sample is Apex class name in Markup code

## Visualforce Page

Page Edit

Save

Quick Save

Cancel

Where is this used?

Component Reference

Preview

Page Information

Label

calc\_app

Name

calc\_app

Description

Available for Lightning Experience, Experience Builder sites, and the mobile app

☐

Require CSRF protection on GET requests

☐

Visualforce Markup

Version Settings

1

2

3

4

5

6

7

8

9

```

<apex:page controller="Sample">
<apex:form >
    <apex:pageBlock >
        <apex:pageBlockSection >
            <apex:pageBlockSectionItem >
                <apex:outputLabel value="Value 1"/>
            </apex:pageBlockSectionItem>
        </apex:pageBlockSection >
    </apex:pageBlock >
</apex:form >

```

```
<apex:page controller="Sample">
```

<apex:form >

```
<apex:pageBlock >
  <apex:pageBlockSection >
    <apex:pageBlockSectionItem >
      <apex:outputLabel value="Value 1"/>
    </apex:pageBlockSectionItem>
    <apex:pageBlockSectionItem >
      <apex:inputText value="{!val1}"/>
    </apex:pageBlockSectionItem>
    <apex:pageBlockSectionItem >
      <apex:outputLabel value="Value 2"/>
    </apex:pageBlockSectionItem>
    <apex:pageBlockSectionItem >
      <apex:inputText value="{!val2}"/>
    </apex:pageBlockSectionItem>
    <apex:pageBlockSectionItem >
      <apex:selectRadio value="{!func}" layout="pageDirection">
        <apex:selectOption itemValue="add" itemLabel="Add"/>
        <apex:selectOption itemValue="sub" itemLabel="Subtract"/>
      </apex:selectRadio>
    </apex:pageBlockSectionItem>
  </apex:pageBlockSection>
</apex:pageBlock>
```

```

        <apex:selectOption itemValue="div" itemLabel="Division"/>
        <apex:selectOption itemValue="mod" itemLabel="Modulo Division"/>
    </apex:selectRadio>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:outputLabel value="Result"/>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:inputText value="{ !result }" id="res"/><apex:actionStatus id="sts"
startText="Finding..." />
</apex:pageBlockSectionItem>
</apex:pageBlockSection>
<apex:pageBlockButtons >
    <apex:commandButton value="Find" action="{ !find }" reRender="res" status="sts"/>
</apex:pageBlockButtons>
</apex:pageBlock>

</apex:form>

</apex:page>

```

**Save and Preview output will be displayed**

Find	
Value 1	<input type="text"/>
Value 2	<input type="text"/>
<input type="radio"/> Add <input type="radio"/> Subtract <input type="radio"/> Division <input type="radio"/> Modulo Division	
Result	<input type="text"/>
Find	