Title: Creating an Application in SalesForce.com using Apex programming Language

CreateAccount.apxc

```
public class CreateAccount
{
    public String name {get; set;}
    public String phoneNumber {get; set;}
    public String selectedname {get; set;}
    public String websiteURL {get; set;}
    public List<Selectoption> lstnamesel {get; set;}
    public CreateAccount(ApexPages.StandardController controller)
    {
        lstnamesel = new List<selectoption>();
        lstnamesel.add(new selectOption('','- None -'));
        lstnamesel.add(new selectOption('IT','IT'));
        lstnamesel.add(new selectOption('MECH','MECH'));
        lstnamesel.add(new selectOption('CHEM','CHEM'));
        lstnamesel.add(new selectOption('PHARMA','PHARMA'));
    }
    public PageReference createAccount()
    {
            System.debug('teset create');
        if(!String.isEmpty(name))
        {
            Account accountRecord = new Account(Name = name,
            Phone = phoneNumber,
            Industry = selectedname,
            Website = websiteURL);
            INSERT accountRecord;
            PageReference pg = new PageReference('/'+accountRecord.Id);
            pg.setRedirect(true);
            return pg;
        }
        else
        {
            ApexPages.addmessage(new ApexPages.message(ApexPages.severity.CONFIRM,'Please
enter Account Name'));
        }
    return NULL;
    }
    public PageReference cancelAccount()
    {
        PageReference pg = new PageReference('/'+Schema.SObjectType.Account.getKeyPrefix()+'/o');
        return pg;
    }
}
```

CreateAccount.vfp

```
<apex:page standardController="Account" extensions="CreateAccount">
<apex:form id="apexFrom" >
<apex:pageBlock title="Create Account:" id="pageBlockId">
<apex:pageMessages id="showmsg"></apex:pageMessages>
<apex:pageBlockSection columns="2" >
<!--<div class = "requiredInput">
<div class = "requiredBlock"></div>
<apex:inputText value="{!name}" label="Account Name" required="true"/>
</div>-->
<apex:inputText value="{!name}" label="Account Name" required="true"/>
<apex:inputText value="{!phoneNumber}" label="Phone" />
<apex:selectList size="1" value="{!selectedname}" label="Industry">
<apex:selectOptions value="{!lstnamesel}"/>
</apex:selectList>
<apex:inputText value="{!websiteURL}" label="Website" />
</apex:pageBlockSection>
<apex:pageBlockButtons >
<apex:commandButton action="{!createAccount}" value="Save"/>
<apex:commandButton action="{!cancelAccount}" value="Cancel"/>
</apex:pageBlockButtons>
</apex:pageBlock>
<!-- ACTION FUNCTIONS-->
<apex:actionFunction name="createFunction" action="{!createAccount}"/>
<apex:actionFunction name="cancelFunction" action="{!cancelAccount}"/>
</apex:form>
</apex:page>
```
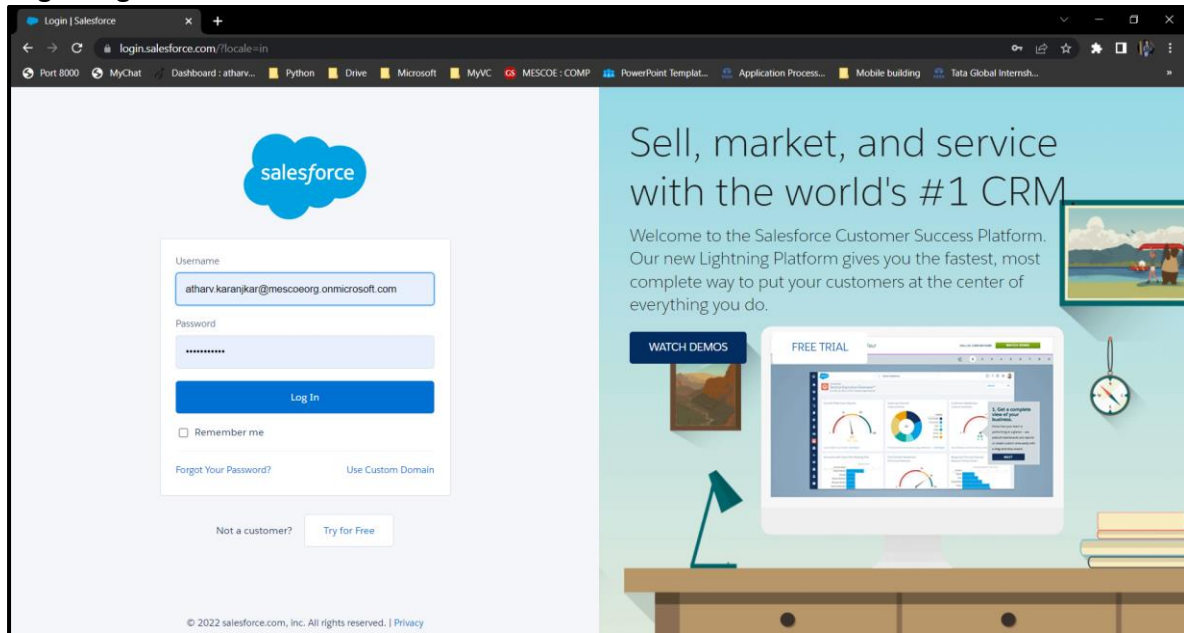
Step No 1:
Create new org:
https://developer.salesforce.com/signup

Step No 2:
After signup, loging using following URL
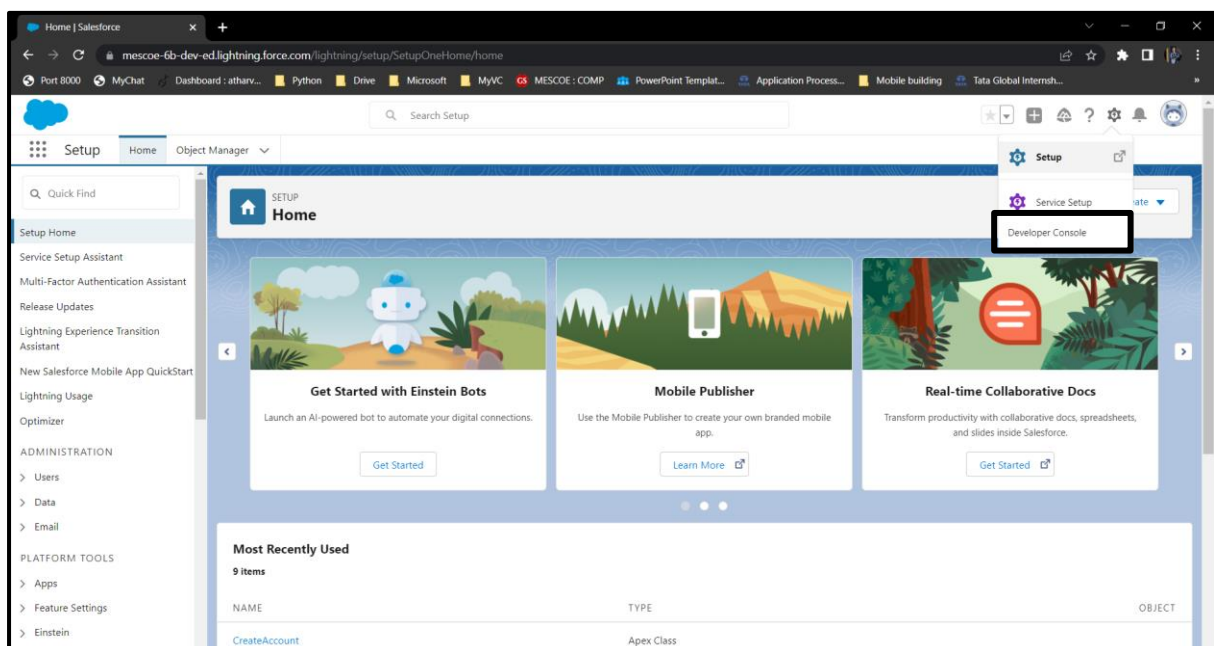https://login.salesforce.com/
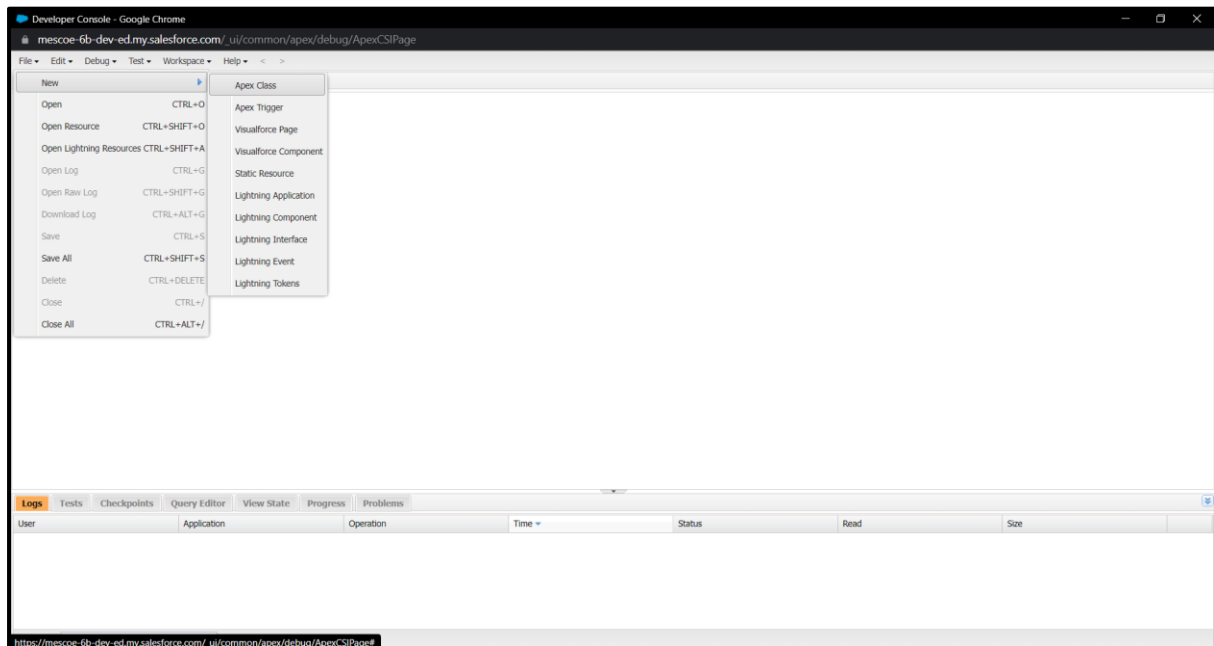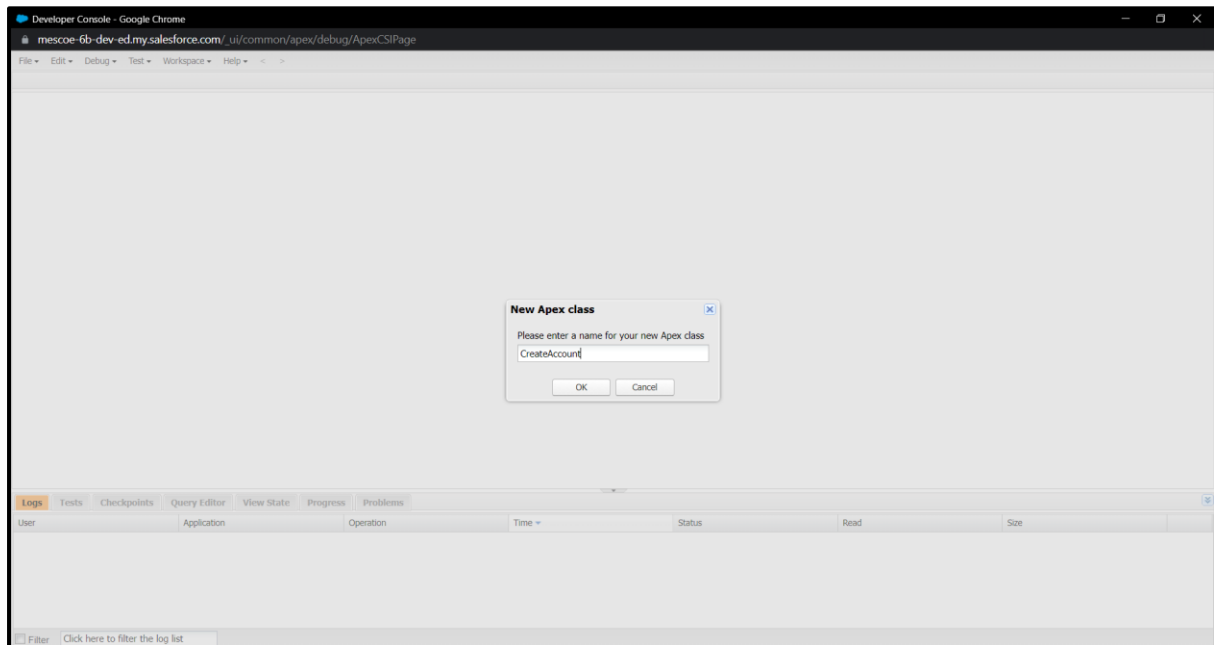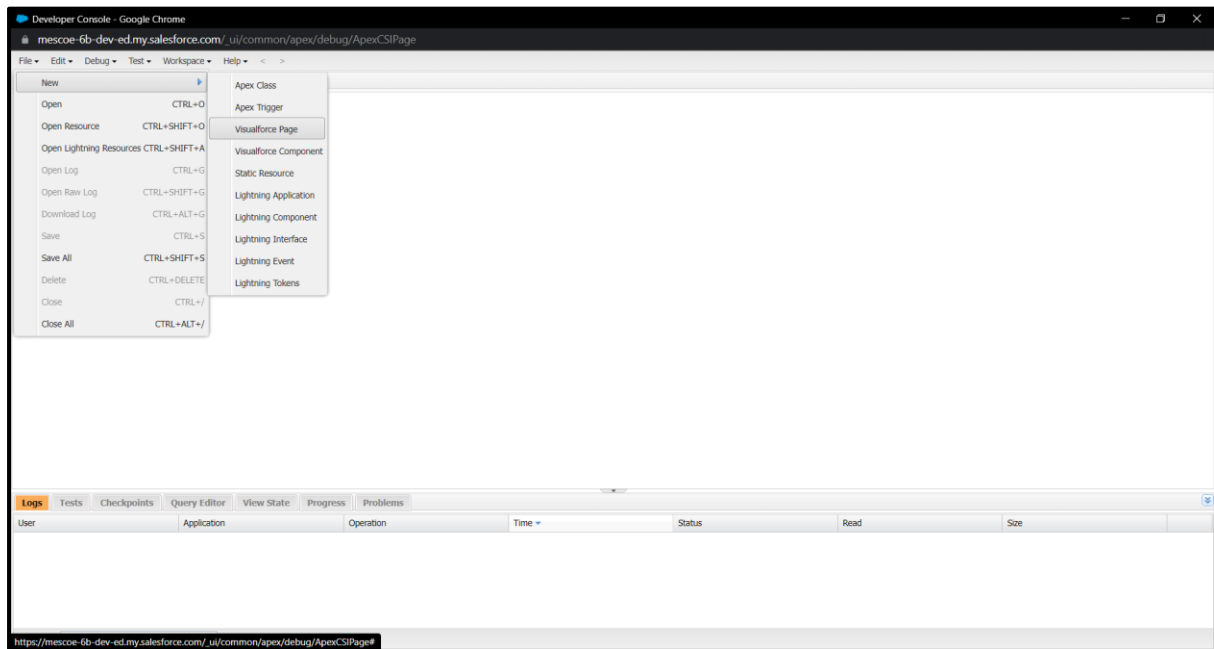
Step No 3:
Login Page

Step No:4
Go to Developer Console for writing Program

Step No 5:
Click on file then Select "Apex Class".

Step No 6:
Write the name of the "Apex Class" and write the code.

CreateAccount.apxc

```
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   public String name {get; set;}
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   public String selectedname {get; set;}
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   public CreateAccount(ApexPages.StandardController controller)
   {
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   }
   public PageReference createAccount()
   {
         System.debug('teset create');
      if(!String.isEmpty(name))
      {
         Account accountRecord = new Account(Name = name,
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         INSERT accountRecord;
         PageReference pg = new PageReference('/'+accountRecord.Id);
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         return pg;
      }
      else
      {
         ApexPages.addmessage(new ApexPages.message(ApexPages.severity.CONFIRM,'Please
enter Account Name'));
      }
   return NULL;
   }
   public PageReference cancelAccount()
   {
      PageReference pg = new PageReference('/'+Schema.SObjectType.Account.getKeyPrefix()+'/o');
      return pg;
   }
}
```
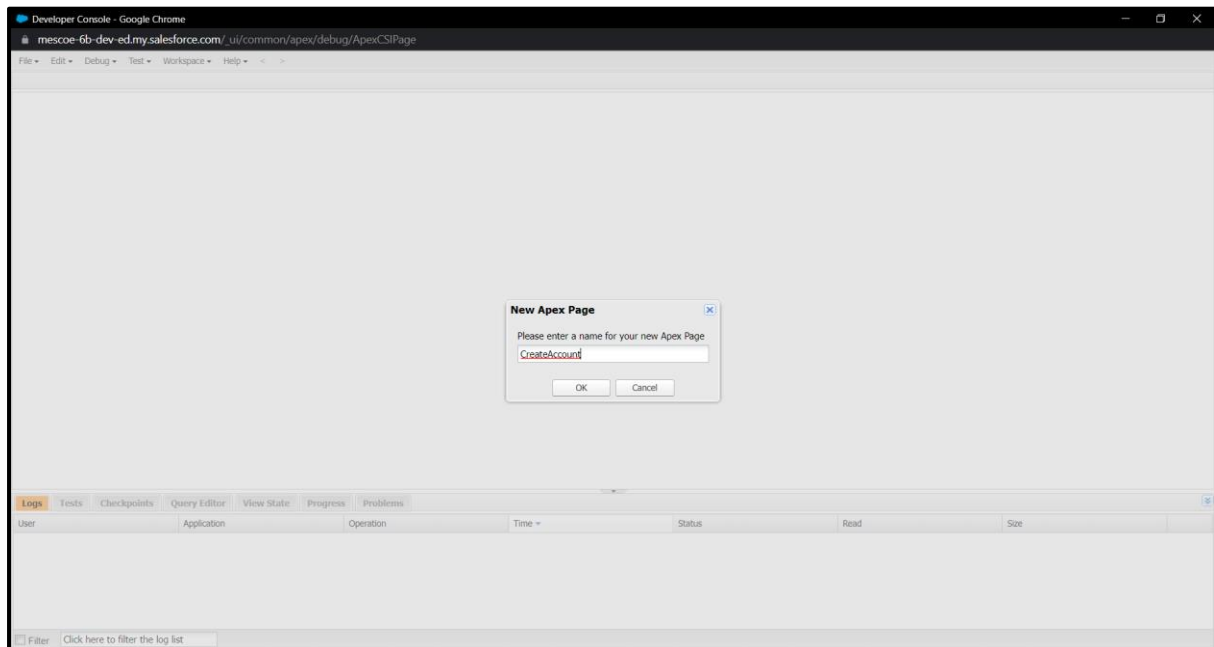
Step No 7:

Click on file then Select "Visualforce Page".

Step No 8:

Write the name of the "Visualforce Page" and write the code.

CreateAccount.vfp

```
<apex:page standardController="Account" extensions="CreateAccount">
<apex:form id="apexFrom" >
<apex:pageBlock title="Create Account:" id="pageBlockId">
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<apex:pageBlockSection columns="2" >
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<apex:inputText value="{!name}" label="Account Name" required="true"/>
</div>-->
<apex:inputText value="{!name}" label="Account Name" required="true"/>
<apex:inputText value="{!phoneNumber}" label="Phone" />
<apex:selectList size="1" value="{!selectedname}" label="Industry">
<apex:selectOptions value="{!lstnamesel}"/>
</apex:selectList>
<apex:inputText value="{!websiteURL}" label="Website" />
</apex:pageBlockSection>
<apex:pageBlockButtons >
<apex:commandButton action="{!createAccount}" value="Save"/>
<apex:commandButton action="{!cancelAccount}" value="Cancel"/>
</apex:pageBlockButtons>
</apex:pageBlock>
<!-- ACTION FUNCTIONS-->
<apex:actionFunction name="createFunction" action="{!createAccount}"/>
<apex:actionFunction name="cancelFunction" action="{!cancelAccount}"/>
</apex:form>
</apex:page>
```
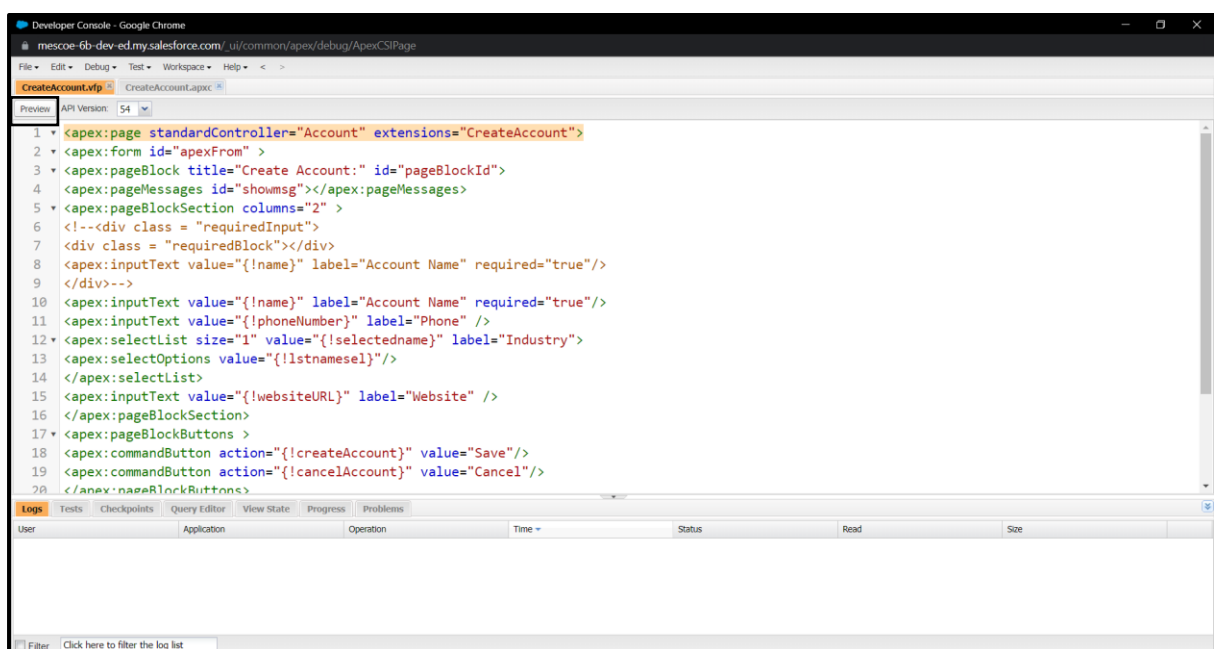
Step No 8:

Now to see the output click on the preview page.

OUTPUT