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

Step No 1:

Create new org:
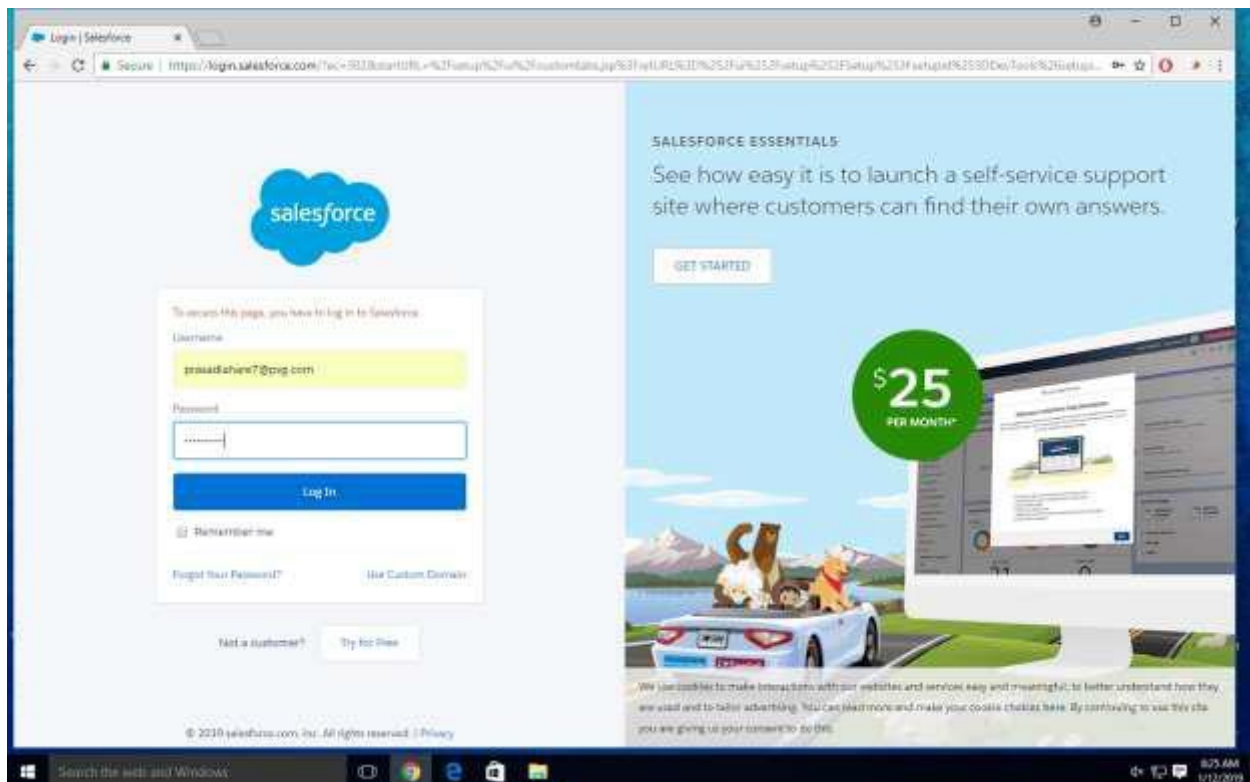
https://developer.salesforce.com/signup

Step No 2:

After signup, loging using following URl

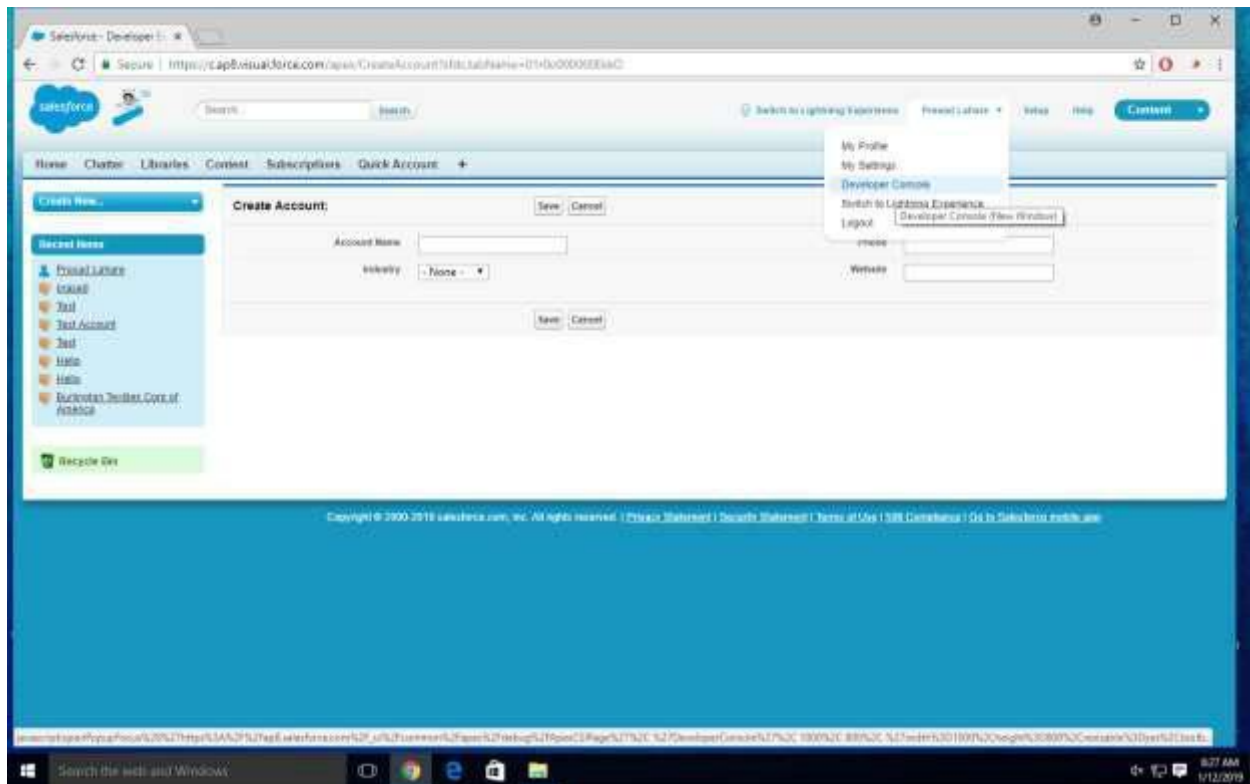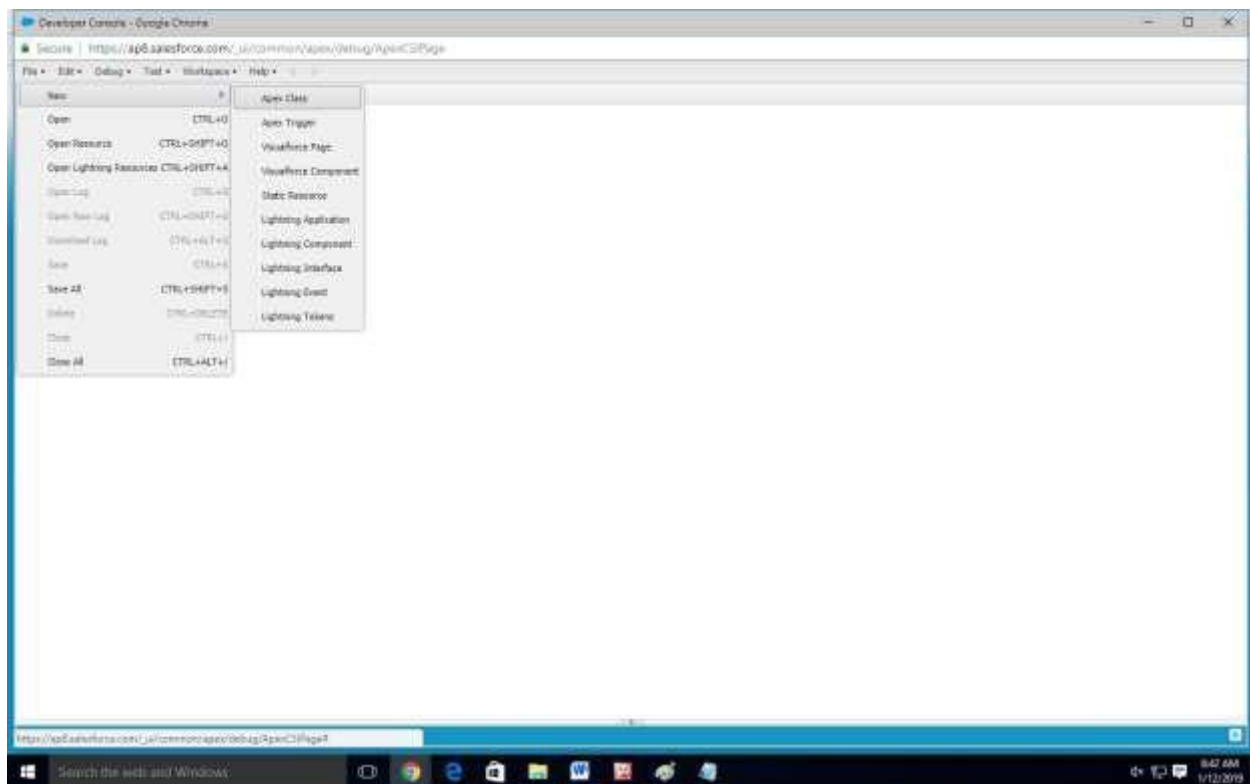https://login.salesforce.com/

Step No 3:

Login Page

Step No:4

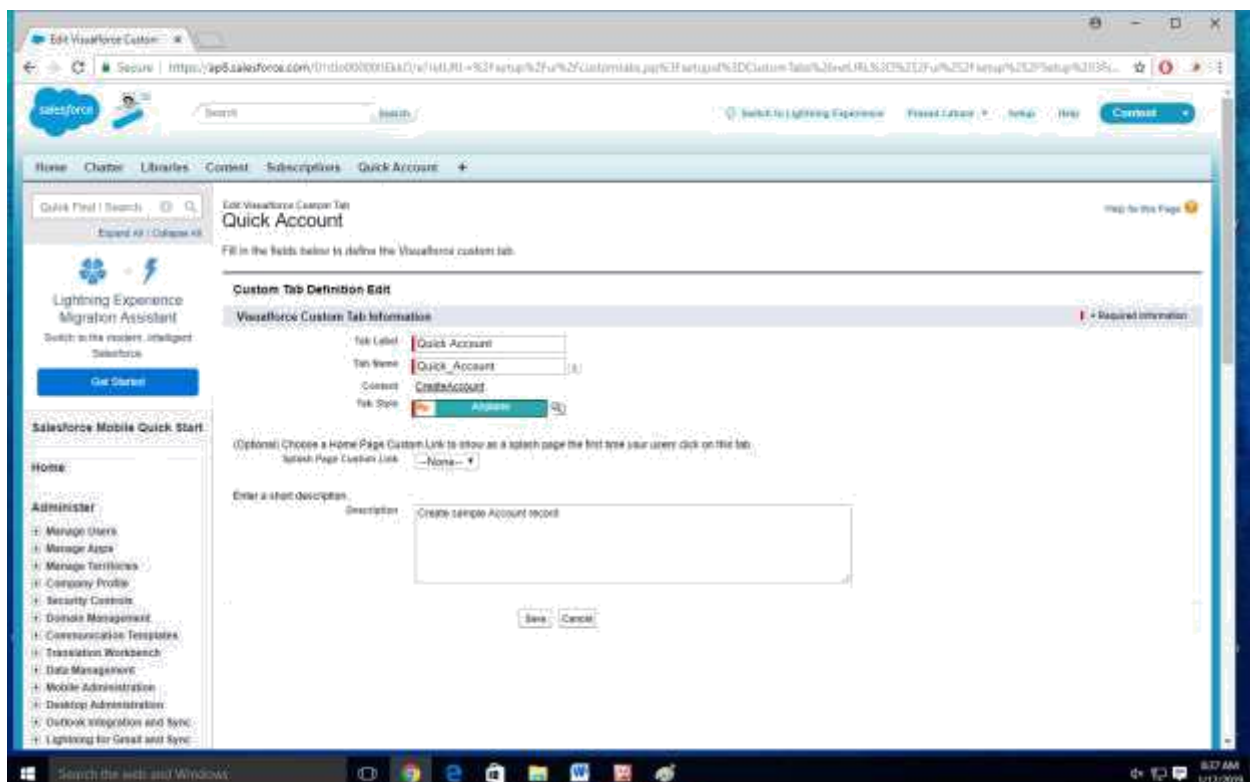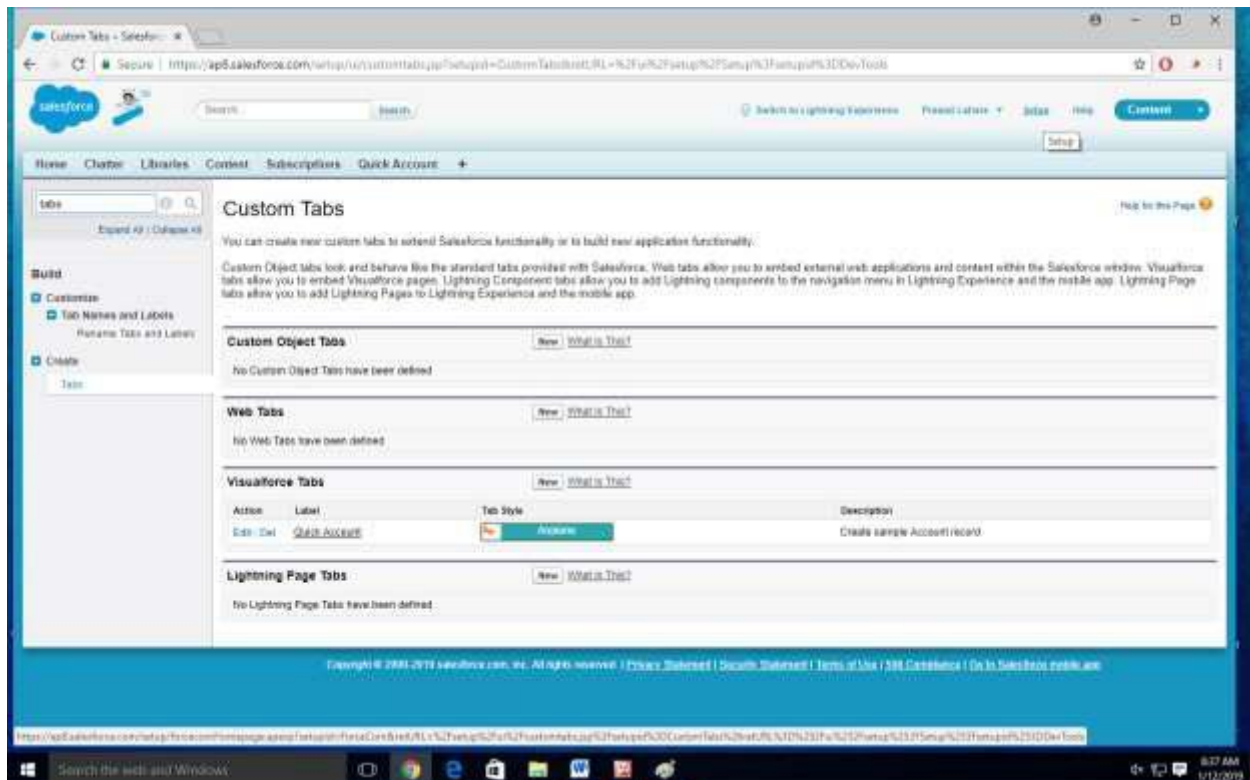Go to Developer Console for writing Program

Step No 5:
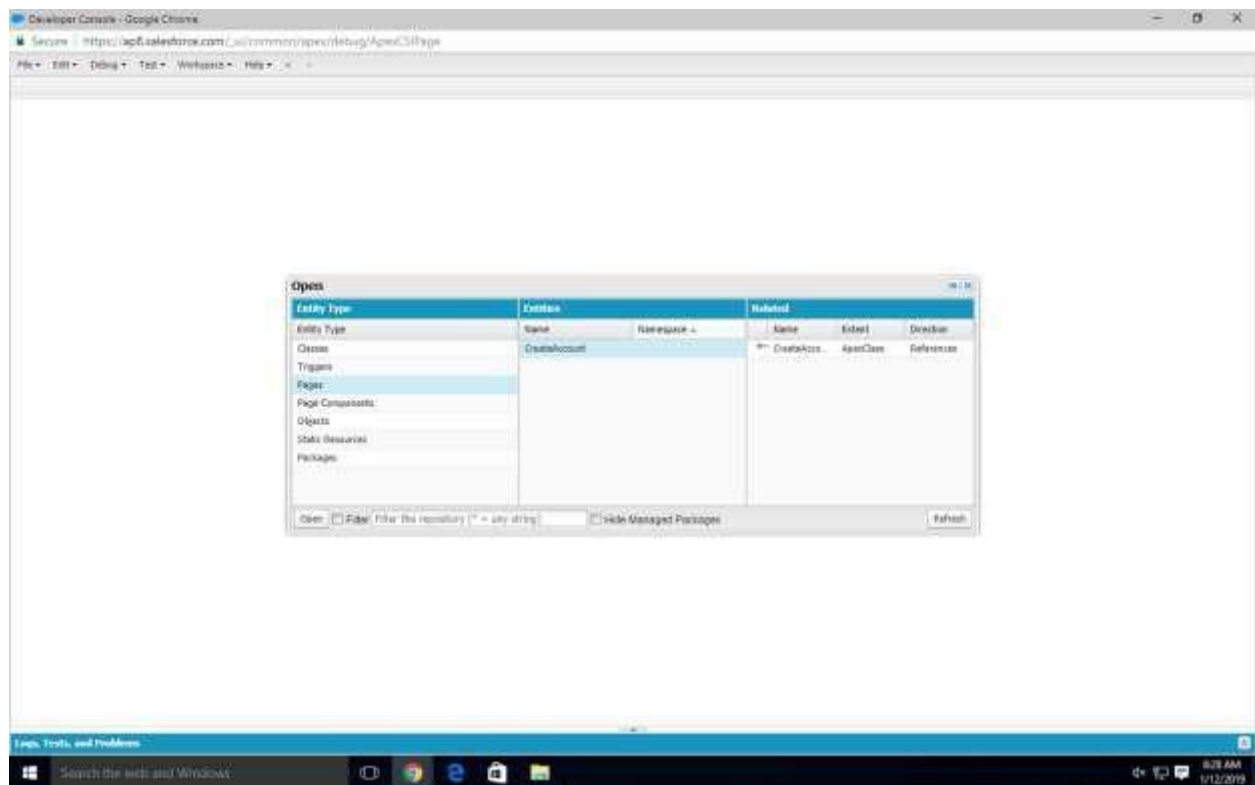
Click on file then Select Apex class and write a code

Step No 6:

Select tabs section (for creating GUI)

Step No 7:

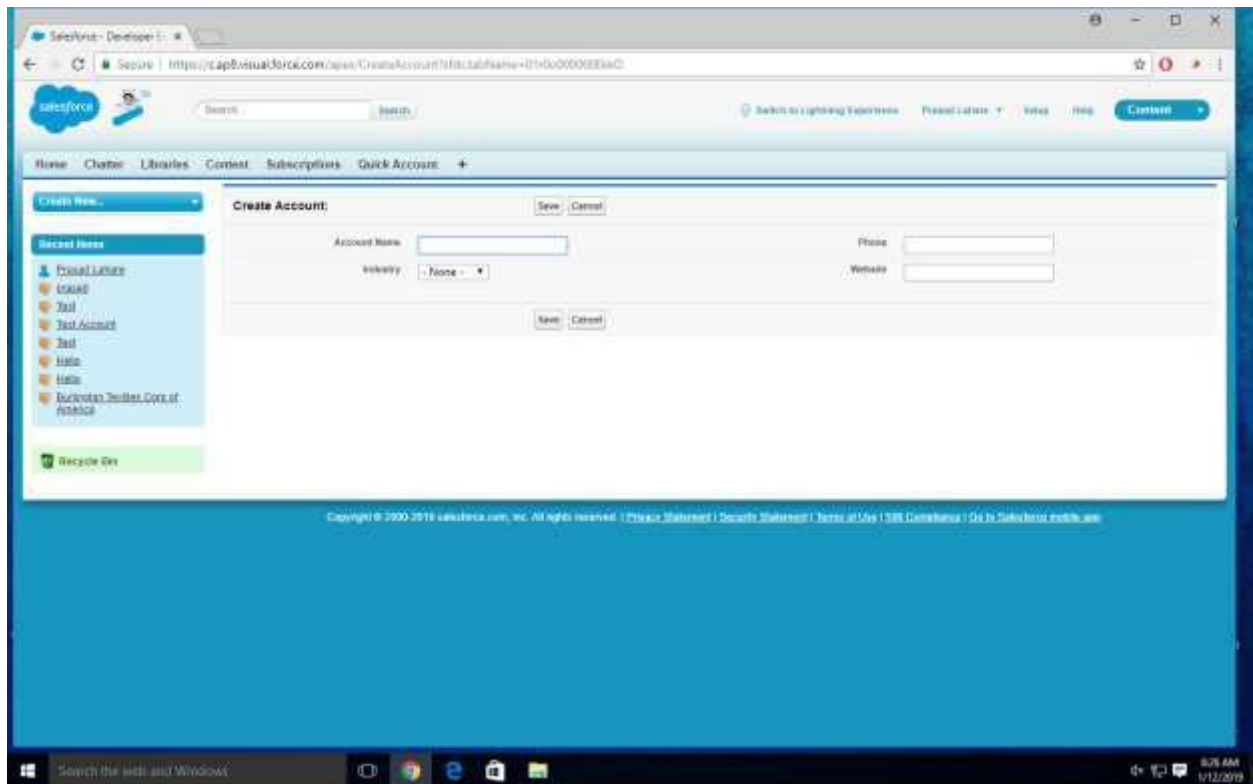Open a pages

Step No 8:

Program Windows

File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < ‥

CreateAccount.vfp

Preview | API Version: 44 ▾

```xml
1 ▾ <apex:page standardController="Account" extensions="CreateAccount">
2 ▾     <apex:form id="apexFrom" >
3 ▾         <apex:pageBlock title="Create Account:" id="pageBlockId">
4
5               <apex:pageMessages id="showmsg"></apex:pageMessages>
6 ▾             <apex:pageBlockSection columns="2" >
7                   <!--<div class = "requiredInput">
8                       <div class = "requiredBlock"></div>
9                       <apex:inputText value="{!name}" label="Account Name" required="true"/>
10                  </div>-->
11                  <apex:inputText value="{!name}" label="Account Name" required="true"/>
12                  <apex:inputText value="{!phoneNumber}" label="Phone" />
13 ▾                <apex:selectList size="1" value="{!selectedname}" label="Industry">
14                      <apex:selectOptions value="{!lstnamesel}"/>
15                  </apex:selectList>
16                  <apex:inputText value="{!websiteURL}" label="Website" />
17              </apex:pageBlockSection>
18
19 ▾          <apex:pageBlockButtons >
20                  <apex:commandButton action="{!createAccount}" value="Save"/>
21                  <apex:commandButton action="{!cancelAccount}" value="Cancel"/>
22              </apex:pageBlockButtons>
23          </apex:pageBlock>
24
25          <!-- ACTION FUNCTIONS -->
26          <apex:actionFunction name="createFunction" action="{!createAccount}"/>
27          <apex:actionFunction name="cancelFunction" action="{!cancelAccount}"/>
28      </apex:form>
29 </apex:page>
```

Logs, Tests, and Problems

File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < ‥

CreateAccount.vfp ‥ **CreateAccount.apxc**

Code Coverage: None ▾ | API Version: 44 ▾   Go To

```apex
1 ▾ public class CreateAccount {
2       public String name {get; set;}
3       public String phoneNumber {get; set;}
4       public String selectedname {get; set;}
5       public String websiteURL {get; set;}
6       public List<Selectoption> lstnamesel {get; set;}
7
8 ▾     public CreateAccount(ApexPages.StandardController controller) {
9           lstnamesel = new List<selectoption>();
10          lstnamesel.add(new selectOption('','- None -'));
11          lstnamesel.add(new selectOption('IT','IT'));
12          lstnamesel.add(new selectOption('MECH','MECH'));
13          lstnamesel.add(new selectOption('CHEM','CHEM'));
14          lstnamesel.add(new selectOption('PHARMA','PHARMA'));
15      }
16 ▾     public PageReference createAccount() {
17          System.debug('teset create');
18 ▾         if(!String.isEmpty(name)) {
19              Account accountRecord = new Account(Name = name,
20                                                  Phone = phoneNumber,
21                                                  Industry = selectedname,
22                                                  Website = websiteURL);
23              INSERT accountRecord;
24
25              PageReference pg = new PageReference('/'+accountRecord.Id);
26              pg.setRedirect(true);
27              return pg;
28 ▾         } else {
29              ApexPages.addmessage(new ApexPages.message(ApexPages.severity.CONFIRM,'Please enter Account Name'));
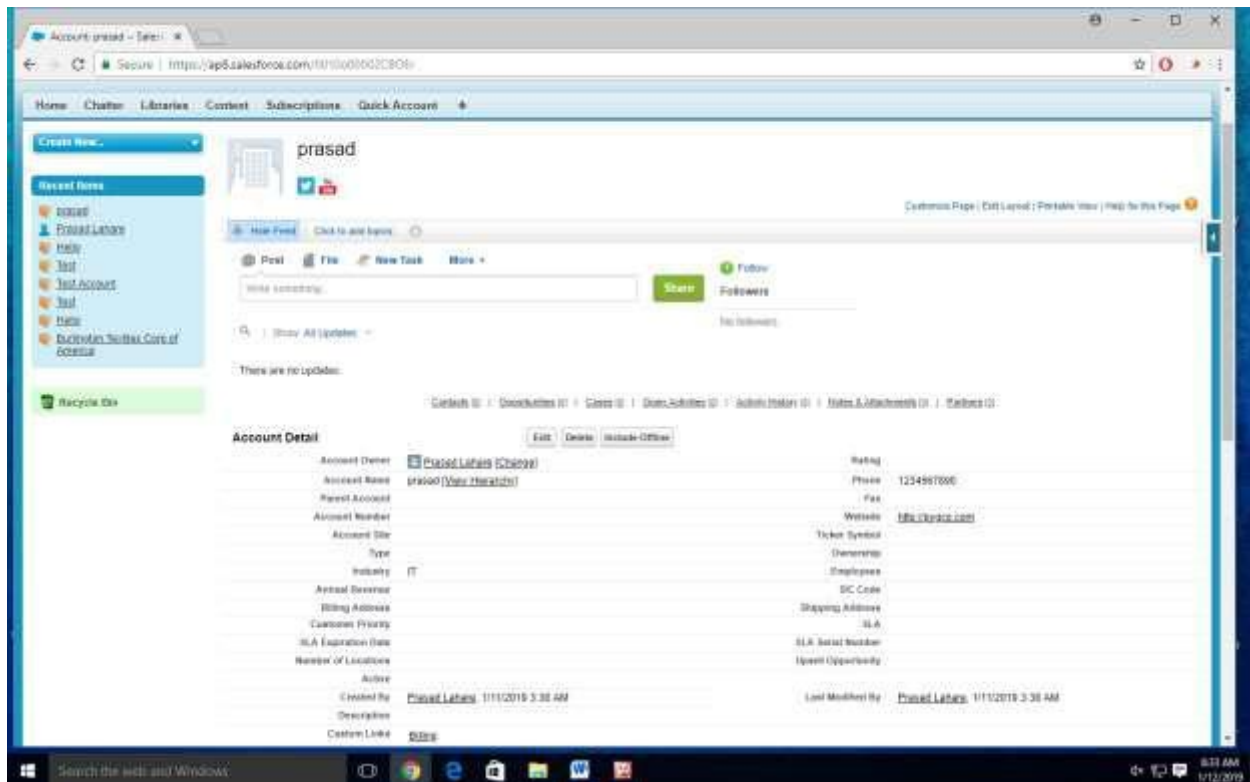```

Logs, Tests, and Problems

Step No 9:

Program Screenshots

**Output**



**Code –**

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(newselectOption('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>
```