Salesforce Trigger and controllers Assignment

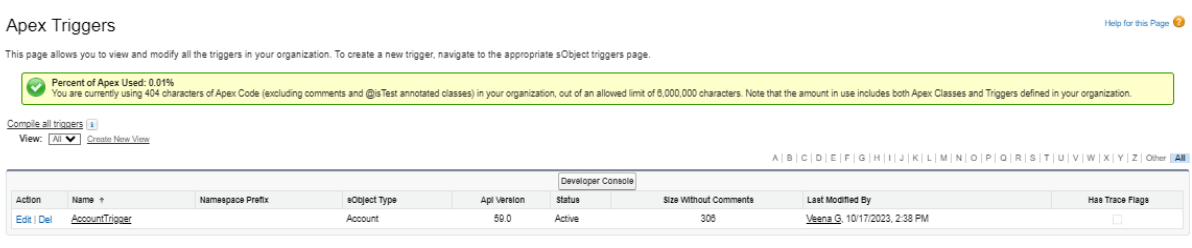
Trigger Assignment-

1. How to create triggers? Explain with Example

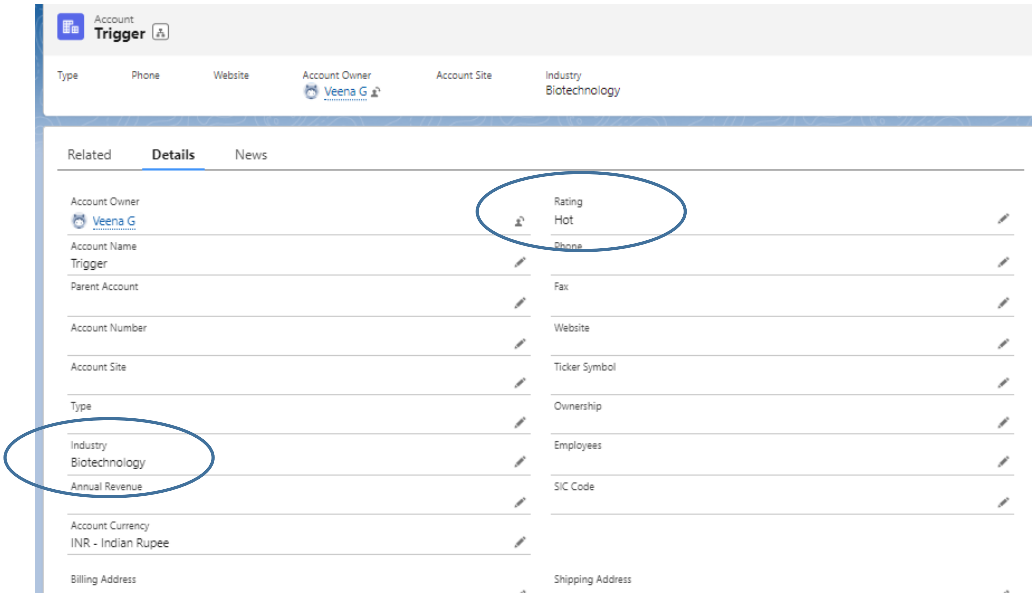
- Create a Apex trigger

Save it

Activate it



Check for result



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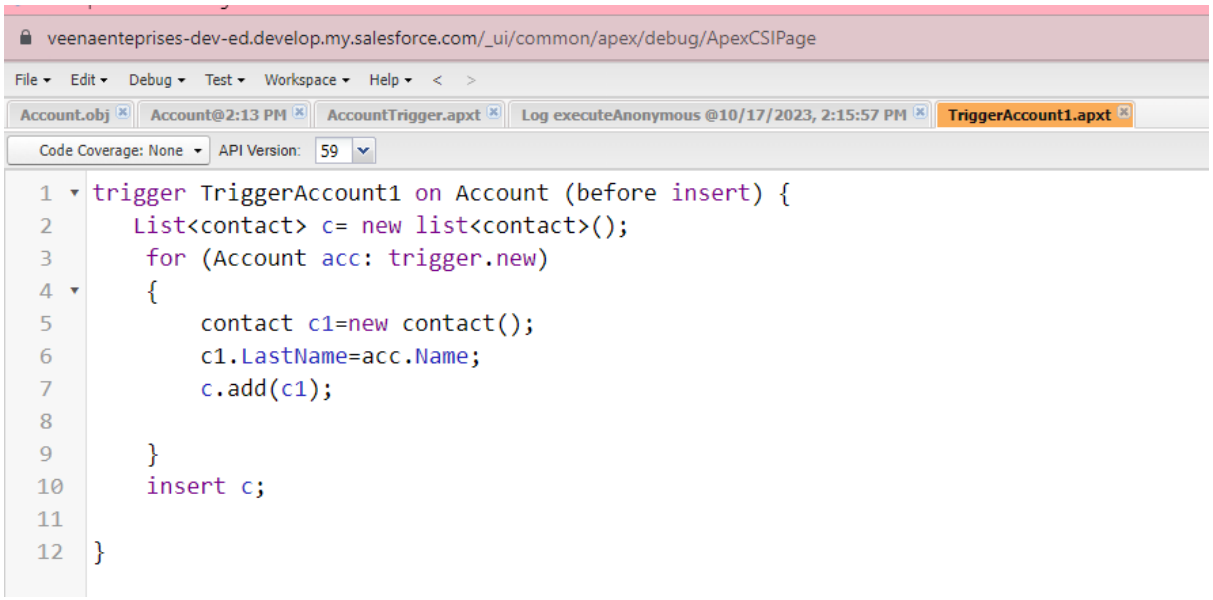
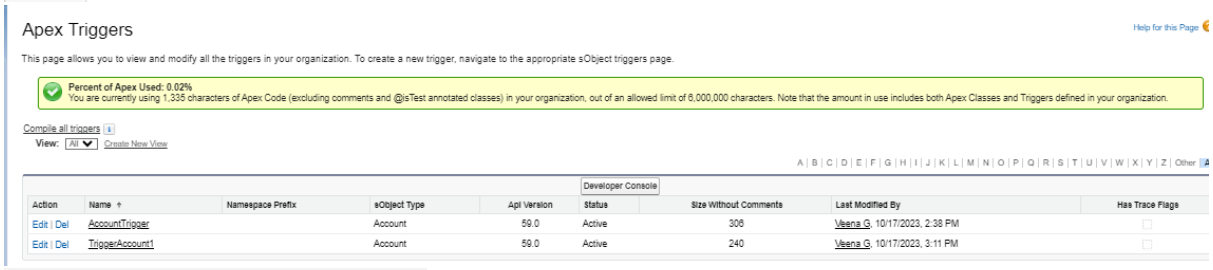
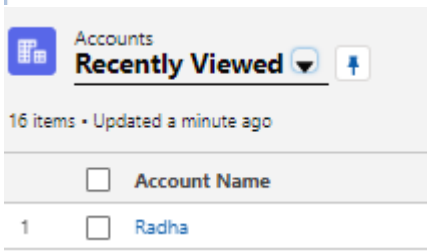
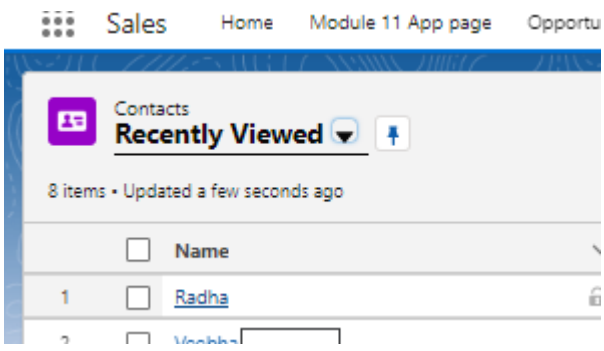
2. Write a trigger example to insert contact when you create account

Ans-



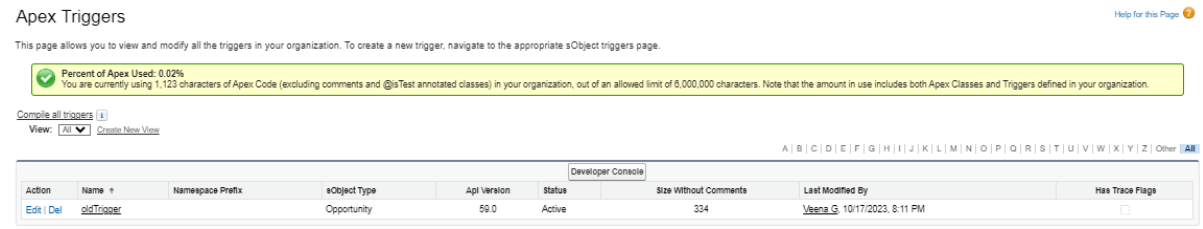


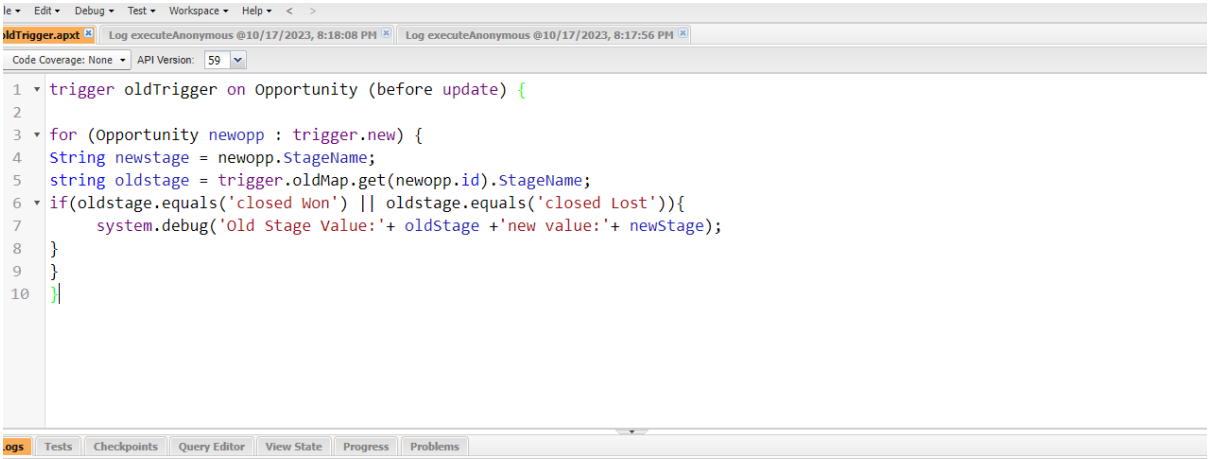


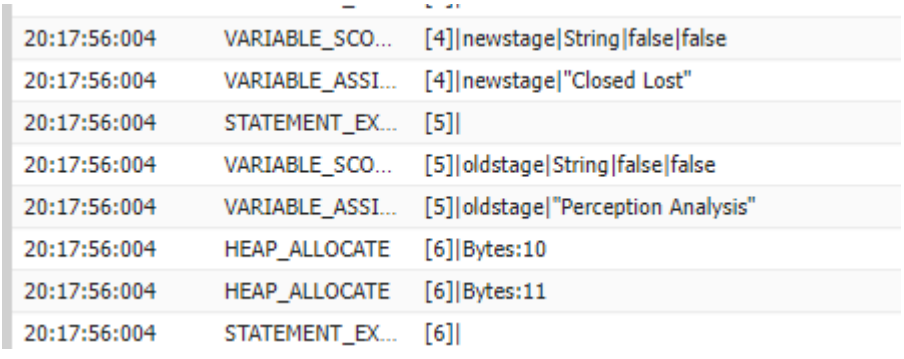


3. Explain Trigger.oldmap with example.

Ans-

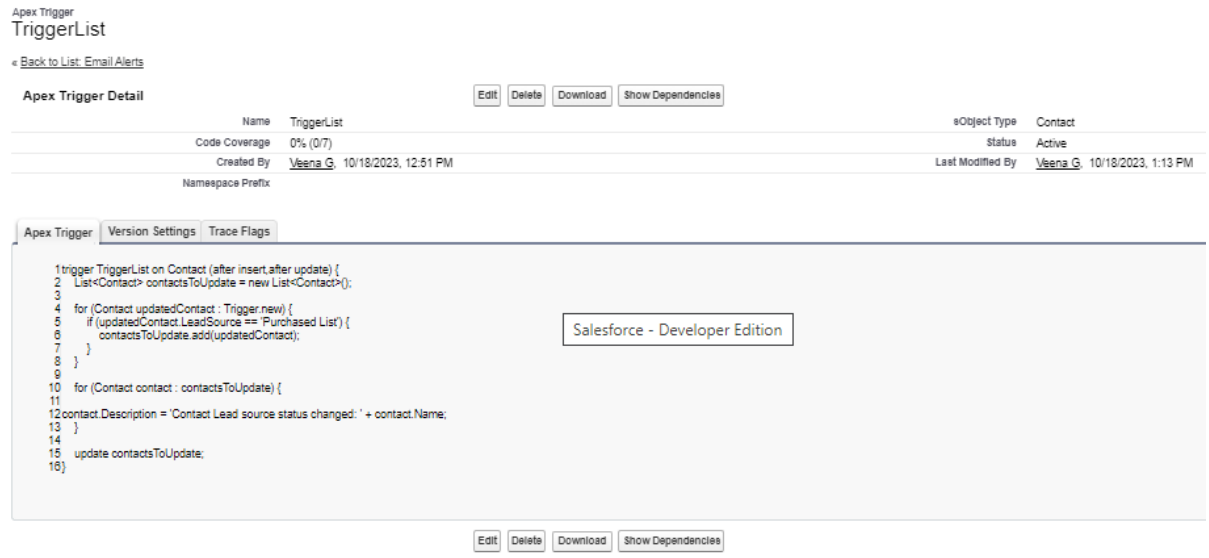


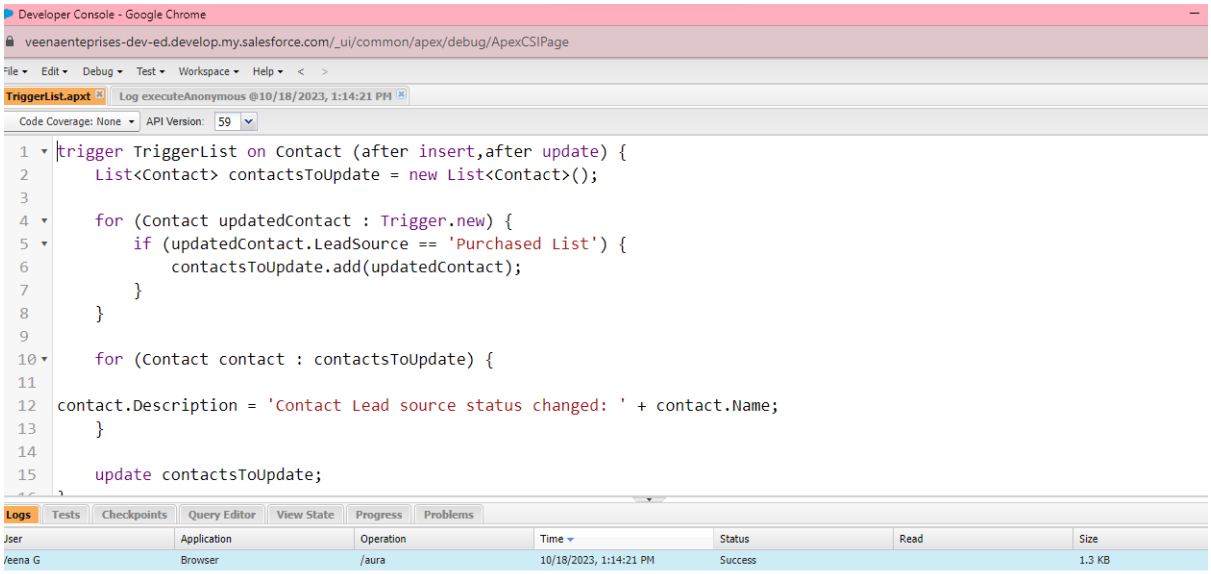




4. Write an example to create list in Apex Trigger.

Ans-

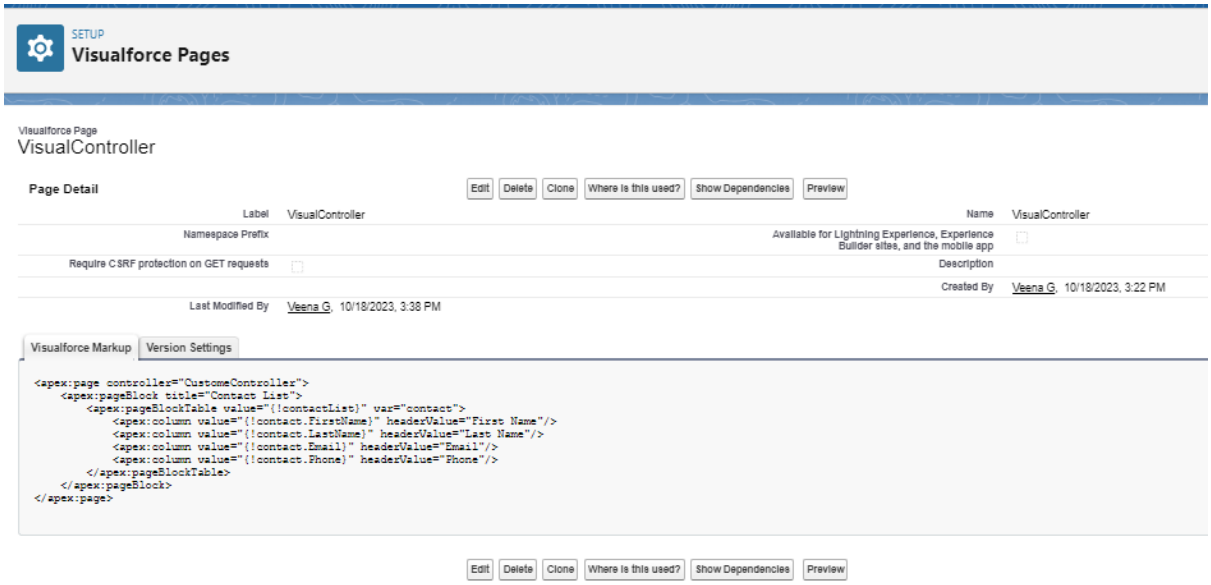


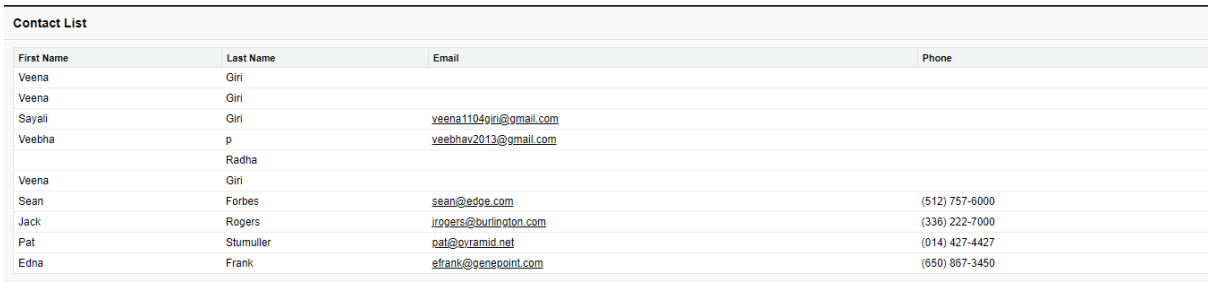


Controller Assignment

1. Design VisualForce Page using Custom Controller Class

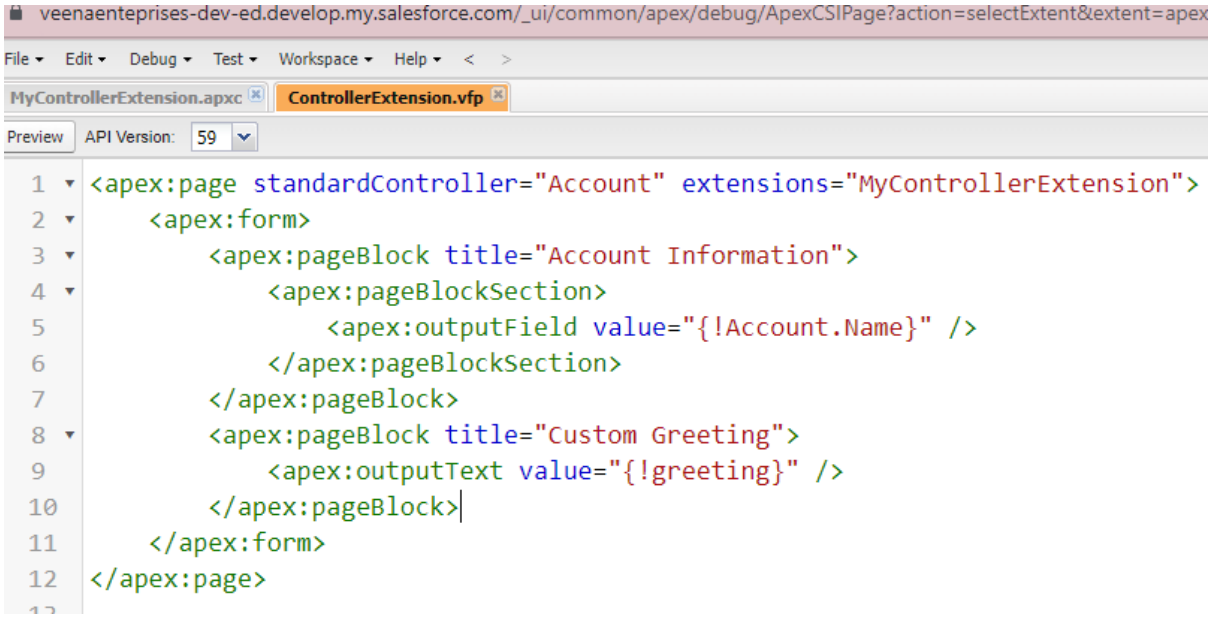
Ans-





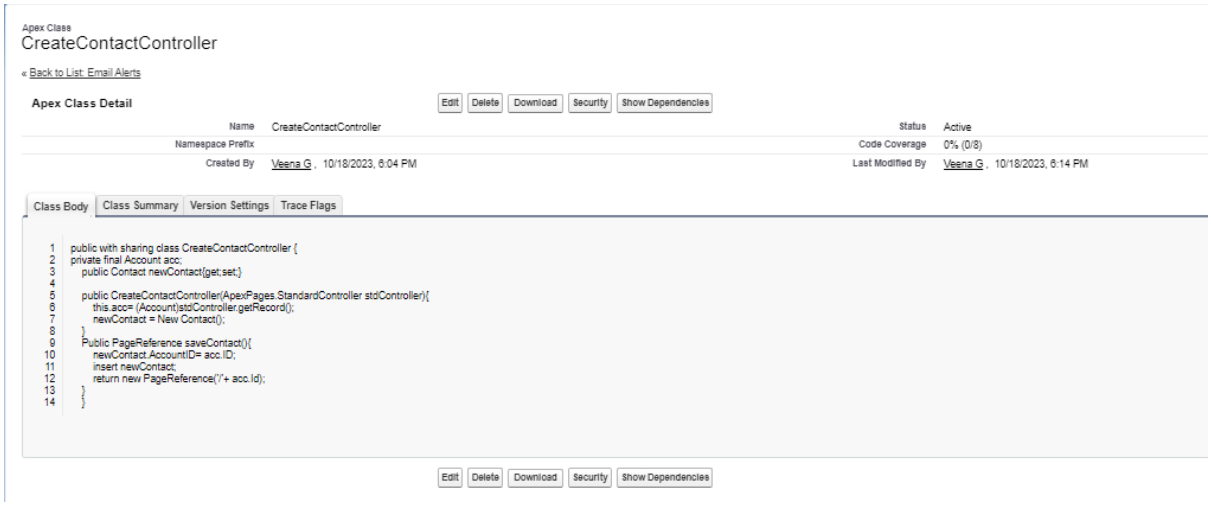
2. Design VisualForce Page using Custom Controller Extensions Class.
   Ans- Class-

Visual Page-

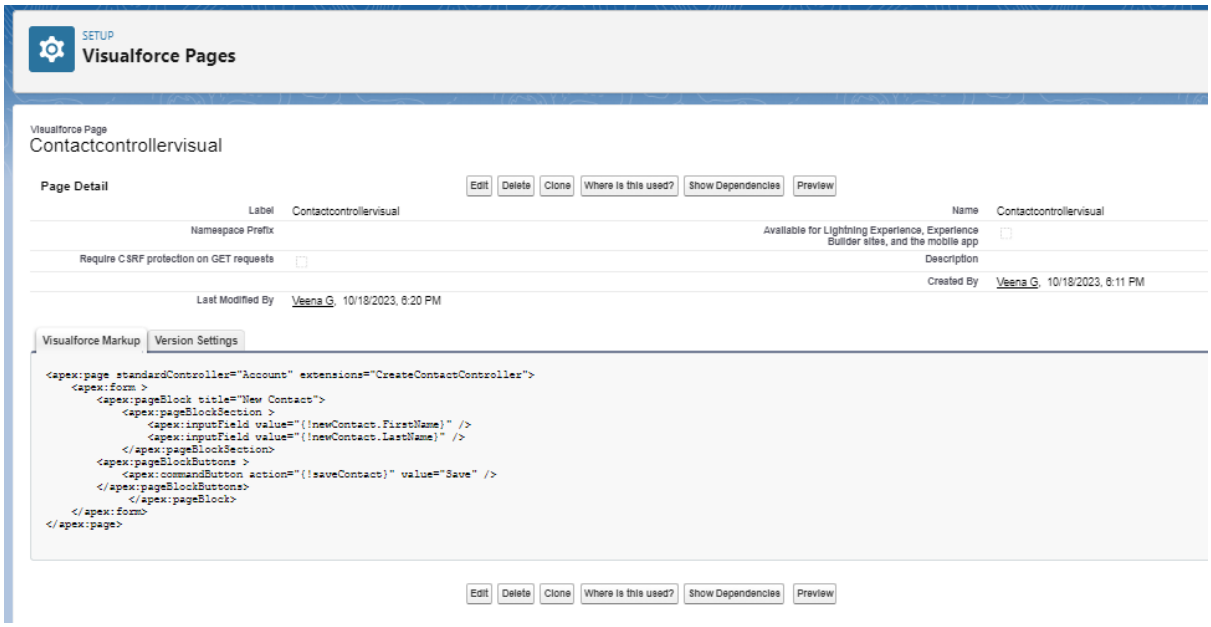


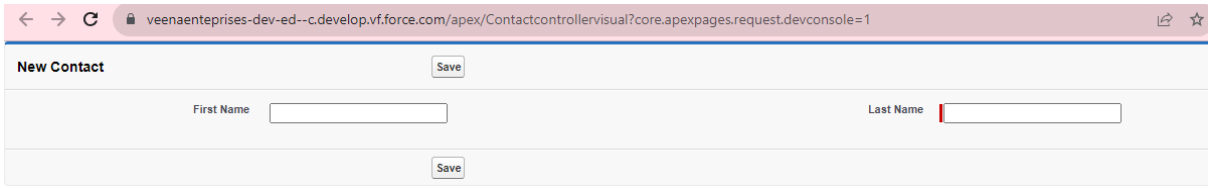
3. Write an example to create new records using custom controller.

Ans- Created Apex class-



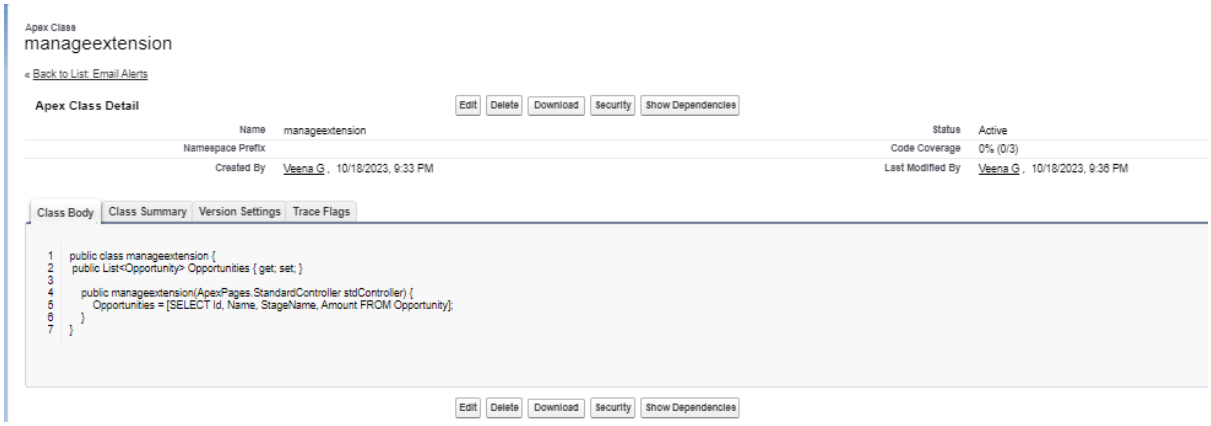
Visual page-





4. Write an example to manage list of records by using standard controller

Ans- create apex class-



Visualforce Page
AccountListPage

Page Detail

Edit | Delete | Clone | Where is this used? | Show Dependencies | Preview

Label	AccountListPage	Name	AccountListPage
Namespace Prefix		Available for Lightning Experience, Experience Builder sites, and the mobile app	
Require CSRF protection on GET requests		Description	
		Created By	Veena G, 10/18/2023, 8:10 PM
Last Modified By	Veena G, 10/18/2023, 9:36 PM		

Visualforce Markup | Version Settings

```
<apex:page standardController="Opportunity" extensions="manageextension">
    <apex:form >
    <apex:pageBlock title="Opportunity List">
        <apex:pageBlockButtons location="top">
            <apex:commandButton action="{!URLFOR($Action.Opportunity.New)}" value="New Opportunity"/>
        </apex:pageBlockButtons>
        <apex:pageBlockTable value="{!Opportunities}" var="opp">
            <apex:column value="{!opp.Name}" headerValue="Opportunity Name"/>
            <apex:column value="{!opp.StageName}" headerValue="Stage"/>
            <apex:column value="{!opp.Amount}" headerValue="Amount"/>
            <apex:column headerValue="Actions">
                <apex:commandLink action="{!URLFOR($Action.Opportunity.Edit, opp.Id)}" value="Edit"/>
                 | 
                <apex:commandLink action="{!URLFOR($Action.Opportunity.Delete, opp.Id)}" value="Delete"/>
            </apex:column>
        </apex:pageBlockTable>
    </apex:pageBlock>
        </apex:form>
</apex:page>
```

Opportunity List — New Opportunity

Opportunity Name	Stage	Amount	Actions
New	Qualification		Edit | Delete
VIP CustomerModule 5- op 1	Closed Won	INR 100,000.00	Edit | Delete
Record	Closed Won		Edit | Delete
VIP CustomerSayali	Qualification	INR 10,000.00	Edit | Delete
Edge Emergency Generator	Closed Won	INR 75,000.00	Edit | Delete
Edge Installation	Closed Won	INR 50,000.00	Edit | Delete
Edge SLA	Closed Won	INR 60,000.00	Edit | Delete
Edge Emergency Generator	Id. Decision Makers	INR 35,000.00	Edit | Delete
VIP CustomerAction for update	Prospecting	INR 1,001.00	Edit | Delete
Burlington Textiles Weaving Plant Generator	Closed Won	INR 235,000.00	Edit | Delete
Pyramid Emergency Generators	Prospecting	INR 100,000.00	Edit | Delete
Dickenson Mobile Generators	Qualification	INR 15,000.00	Edit | Delete
Grand Hotels Kitchen Generator	Id. Decision Makers	INR 15,000.00	Edit | Delete
Grand Hotels Guest Portable Generators	Value Proposition	INR 250,000.00	Edit | Delete
Grand Hotels Generator Installations	Closed Won	INR 350,000.00	Edit | Delete
Grand Hotels SLA	Closed Won	INR 90,000.00	Edit | Delete
Grand Hotels Emergency Generators	Closed Won	INR 210,000.00	Edit | Delete
United Oil SLA	Closed Won	INR 120,000.00	Edit | Delete
United Oil Office Portable Generators	Negotiation/Review	INR 125,000.00	Edit | Delete

5. Explain Rendered Function with example.
   Ans-

Visualforce Page
VisualRendered

Page Detail

Edit | Delete | Clone | Where is this used? | Show Dependencies | Preview

Label	VisualRendered	Name	VisualRendered
Namespace Prefix		Available for Lightning Experience, Experience Builder sites, and the mobile app	
Require CSRF protection on GET requests		Description	
		Created By	Veena G, 10/18/2023, 11:52 PM
Last Modified By	Veena G, 10/19/2023, 12:04 AM		

Visualforce Markup | Version Settings

```
<apex:page standardController="Account">
    <apex:form >
    <apex:pageBlock title="Account Information">
        <apex:pageBlockSection title="Account Details" columns="2">
        <apex:outputField value="{!Account.Name}" rendered="{!Account.Type =='Customer - Channel'}"/>
        <apex:outputField value="{!Account.Type}" rendered="{Account.Type !='Customer - Channel'}"/>
        </apex:pageBlockSection>
        </apex:pageBlock>
    </apex:form>
</apex:page>
```

Edit | Delete | Clone | Where is this used? | Show Dependencies | Preview

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