

MileStone Assessment :-2

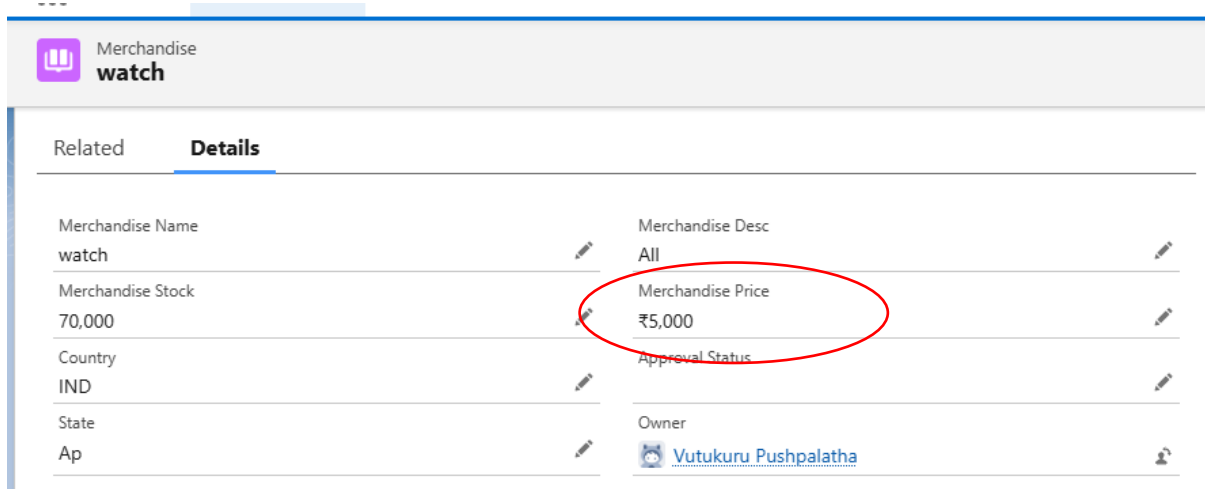
Name : Vutukuru Pushpalatha

PS ID : 10828686

Easy

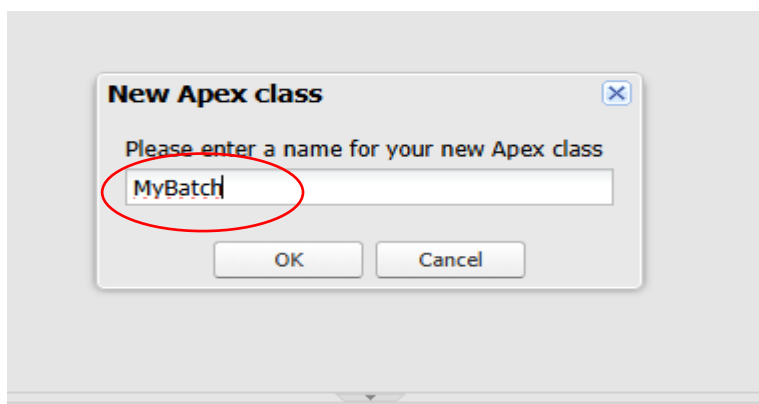
Write a program for the Batchable interface where you need to update all the records value of price field with 200 for the Merchandise Object.

- The Merchandise records has different price values which is as shown below in the sample record of Merchandise.

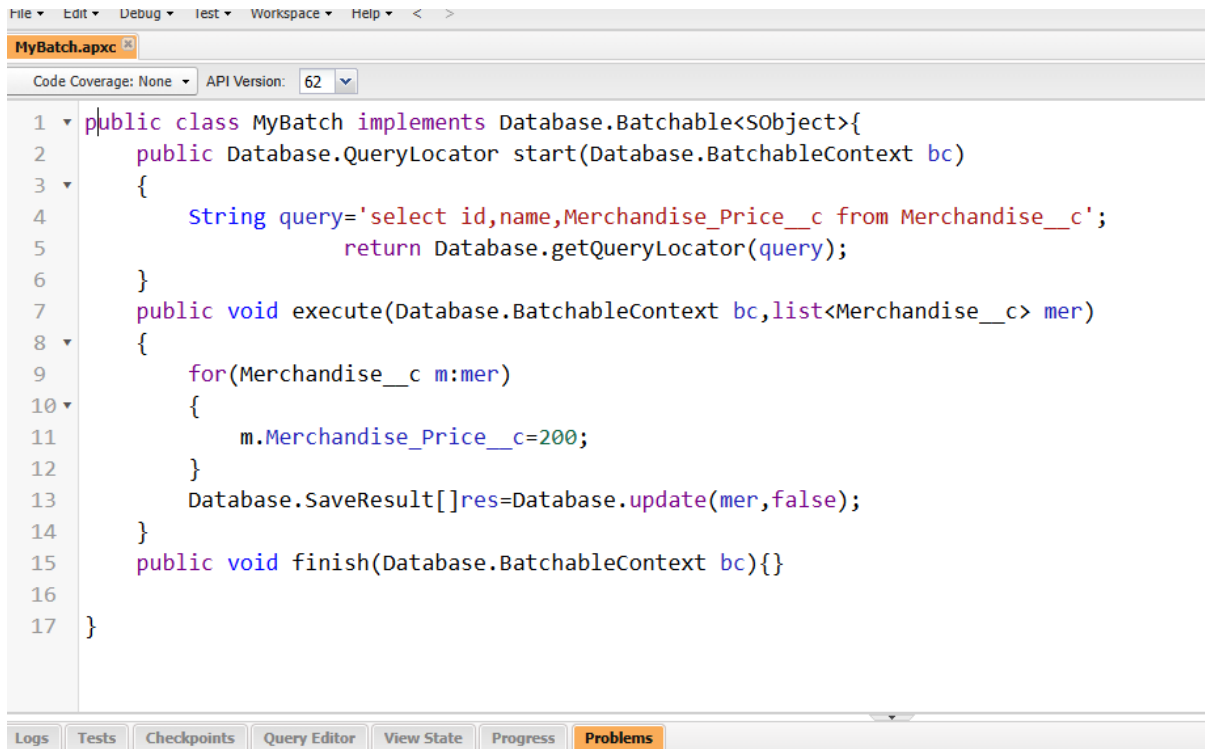


Merchandise watch	
Related	Details
Merchandise Name	Merchandise Desc
watch	All
Merchandise Stock	Merchandise Price
70,000	₹5,000
Country	Approval Status
IND	
State	Owner
Ap	Vutukuru Pushpalatha

- Now using Batchable interface to update all the records value of price field with 200 for the Merchandise Object.
- Goto Developer Console and click File -> New -> Apex Class.
- A pop-up can be Displayed to enter the classname.
- My class name was MyBatch.



- In the MyBatch class the code can be written as shown in below to update the all records of merchandise price to 200.
- Click ctrl+s to save the class .



The screenshot shows an IDE window titled 'MyBatch.apxc'. The code is as follows:

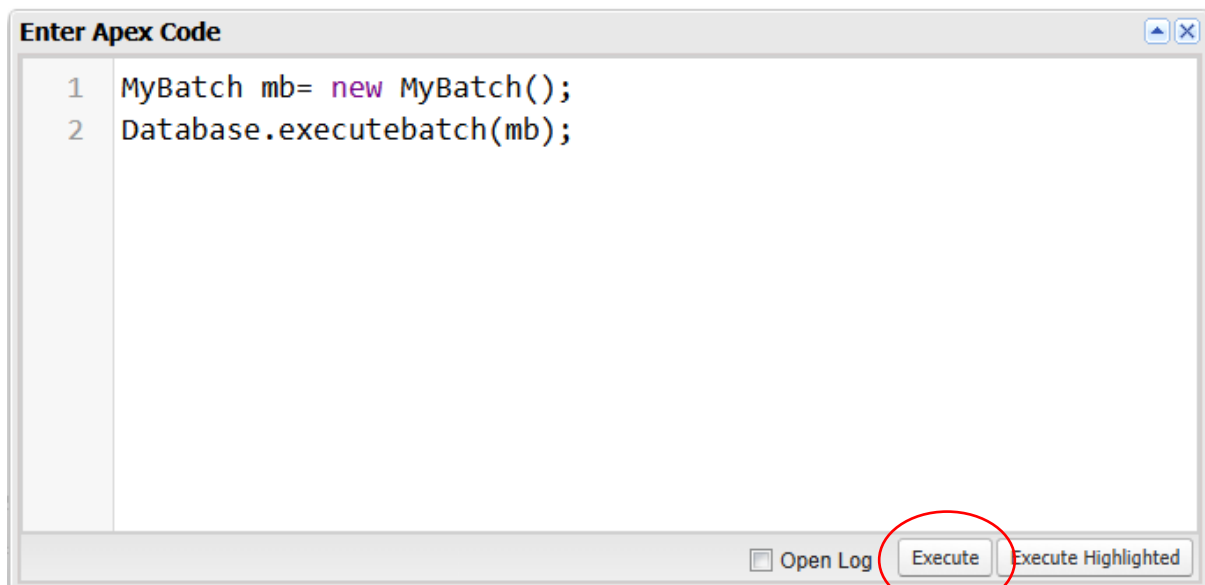
```

1 public class MyBatch implements Database.Batchable<SObject>{
2     public Database.QueryLocator start(Database.BatchableContext bc)
3     {
4         String query='select id,name,Merchandise_Price__c from Merchandise__c';
5         return Database.getQueryLocator(query);
6     }
7     public void execute(Database.BatchableContext bc,list<Merchandise__c> mer)
8     {
9         for(Merchandise__c m:mer)
10        {
11            m.Merchandise_Price__c=200;
12        }
13        Database.SaveResult[]res=Database.update(mer,false);
14    }
15    public void finish(Database.BatchableContext bc){}
16
17 }

```

The IDE interface includes a menu bar (File, Edit, Debug, Test, Workspace, Help), a toolbar (Code Coverage: None, API Version: 62), and a bottom panel with tabs for Logs, Tests, Checkpoints, Query Editor, View State, Progress, and Problems.

- Click on Ctrl+E to run the code , so it displays the popup.
- In the popup write as shown in below screenshot.
- Then click on Execute.



The screenshot shows a 'Enter Apex Code' popup window. The code entered is:

```

1 MyBatch mb= new MyBatch();
2 Database.executebatch(mb);

```

At the bottom of the window, there are three buttons: 'Open Log', 'Execute', and 'Execute Highlighted'. The 'Execute' button is circled in red.

RESULT:

- After executing the above program all merchandise records of Merchandise Price field are updated with price of 200.

The screenshot shows the DMart Merchandise watch page. The 'Details' tab is active, displaying the following information:

Merchandise Name	watch	Merchandise Desc	All
Merchandise Stock	70,000	Merchandise Price	₹200
Country	IND	Approval Status	
State	Ap	Owner	Vutukuru Pushpalatha
Created By	Vutukuru Pushpalatha, 05/01/2025, 12:54 pm		
Last Modified By	Vutukuru Pushpalatha, 24/01/2025, 2:54 pm		

The 'Merchandise Price' field is circled in red, indicating the updated value of ₹200.

Easy-1

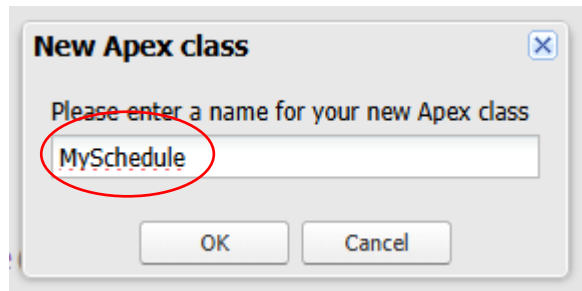
Schedule your apex batch(where you have updated all the price field value with 200 of Merchandise Object) so that it will run on a twice in a day.

ANS:

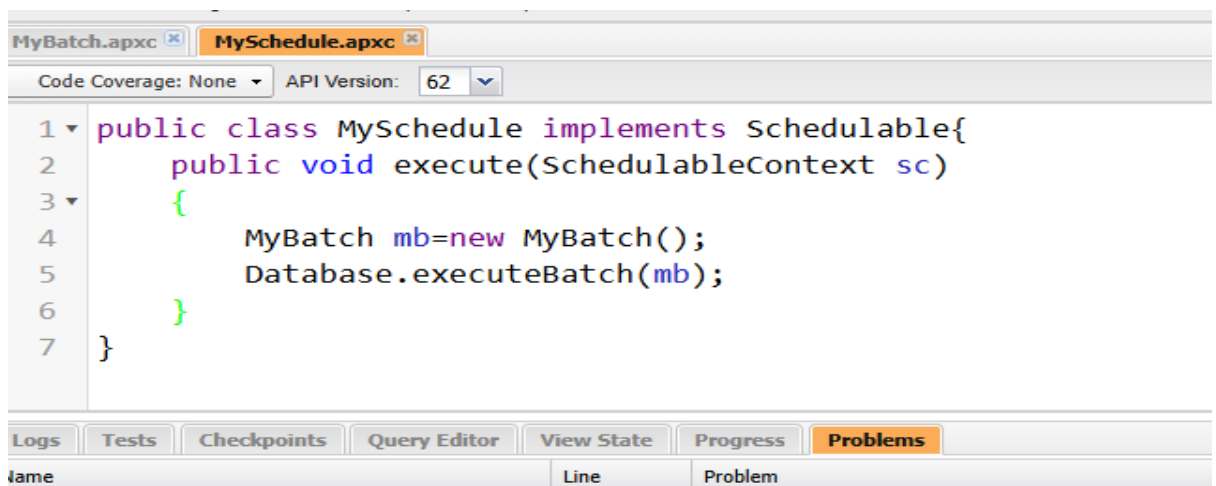
- We created the apex batch where updated all the price fields of merchandise object with 200.

```
1 public class MyBatch implements Database.Batchable<SObject>{
2     public Database.QueryLocator start(Database.BatchableContext bc)
3     {
4         String query='select id,name,Merchandise_Price__c from Merchandise__c';
5         return Database.getQueryLocator(query);
6     }
7     public void execute(Database.BatchableContext bc,list<Merchandise__c> mer)
8     {
9         for(Merchandise__c m:mer)
10        {
11            m.Merchandise_Price__c=200;
12        }
13        Database.SaveResult[]res=Database.update(mer,false);
14    }
15    public void finish(Database.BatchableContext bc){}
16 }
17 }
```

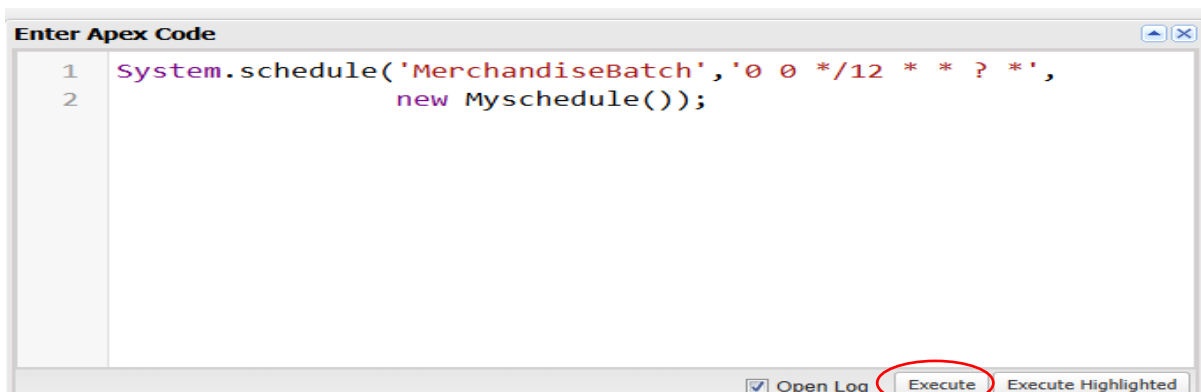
- When apex batch is executed the Price field of Merchandise records become 200.
- Now I want to schedule the MyBatch so that it will run on a twice in a day.
- Goto Developer Console and click File -> New -> Apex Class.
- A pop-up can be Displayed to enter the classname.
- My class name was MySchedule.



- Write the code as shown in below.
- Click Ctrl+S to save the code.



- Click Ctrl+E to run the Schedule.
- Write as shown in below (Corn expression: '0 0 */12 * * ? *').
- Click on Execute.



RESULT:

- In the Quick Find search for Scheduled job and click on it.
- Now our Batch was scheduled to execute twice in a day.

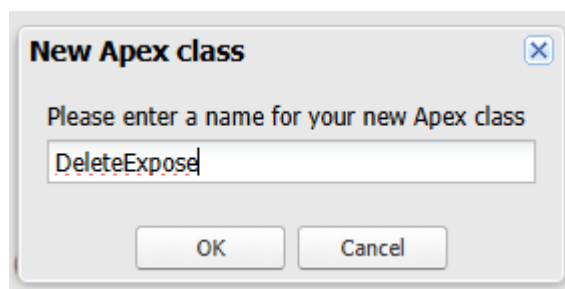
Schedule Apex							
Action	Job Name ↑	Submitted By	Submitted	Started	Next Scheduled Run	Type	Cron Trigger ID
Manage Del Pause Job	MerchandiseBatch	Pushpalatha Vutukuru	24/01/2025, 3:05 pm		25/01/2025, 12:00 am	Scheduled Apex	08eWU00000BZNWT

Medium

Delete an account record using restful web services - single record at a time from workbench

Ans:

- Goto Developer Console and click File -> New -> Apex Class.
- A pop-up can be Displayed to enter the classname.
- My class name was DeleteExpose.



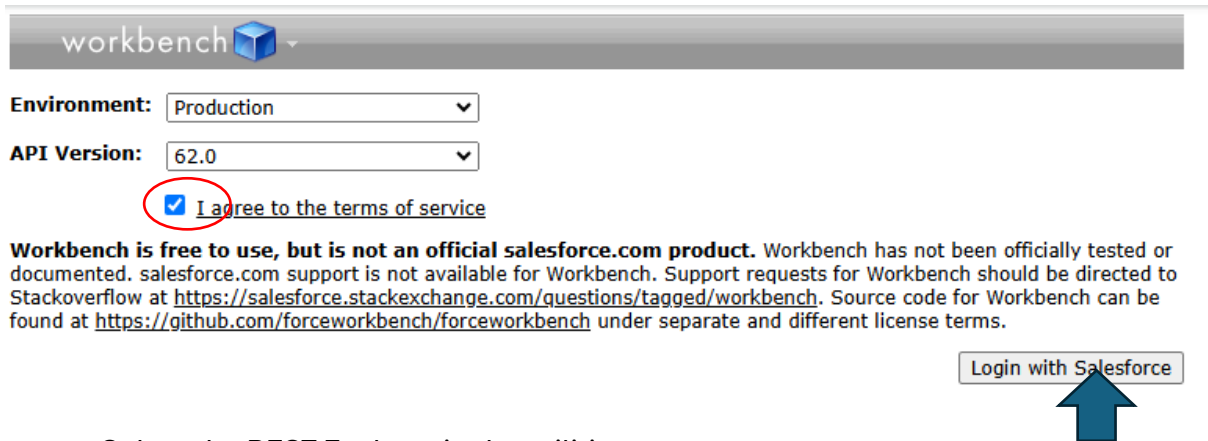
- We are writing the code to delete account record using restful web services.
- Write the code as shown in below.
- Click on Ctrl+s to save it.

```
MyBatch.apxc | MySchedule.apxc | DeleteExpose.apxc
Code Coverage: None | API Version: 62
1 @RestResource(urlMapping='/myAccount/*')
2 global class DeleteExpose {
3     @httpDelete
4     global static void deleteAccount(){
5         RestRequest req=RestContext.request;
6         RestResponse res=RestContext.response;
7         String recordID=req.requestURI.substring(req.requestURI.lastIndexOf('/')+1);
8         Account act=[select id from account where id=:recordID];
9         delete act;
10    }
11 }
```

Logs | Tests | Checkpoints | Query Editor | View State | Progress | Problems

Name	Line	Problem
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- Goto workbench , check the checkbox and login with salesforce



workbench

Environment: Production

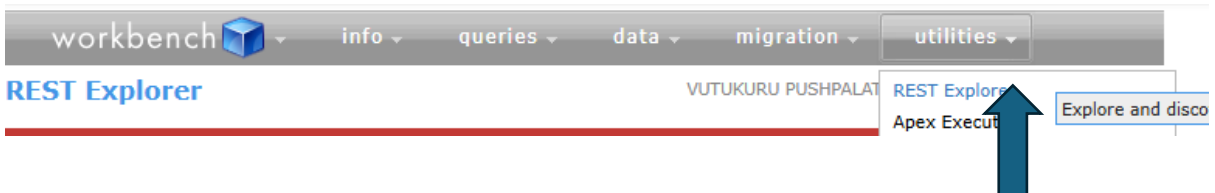
API Version: 62.0

☒ I agree to the terms of service

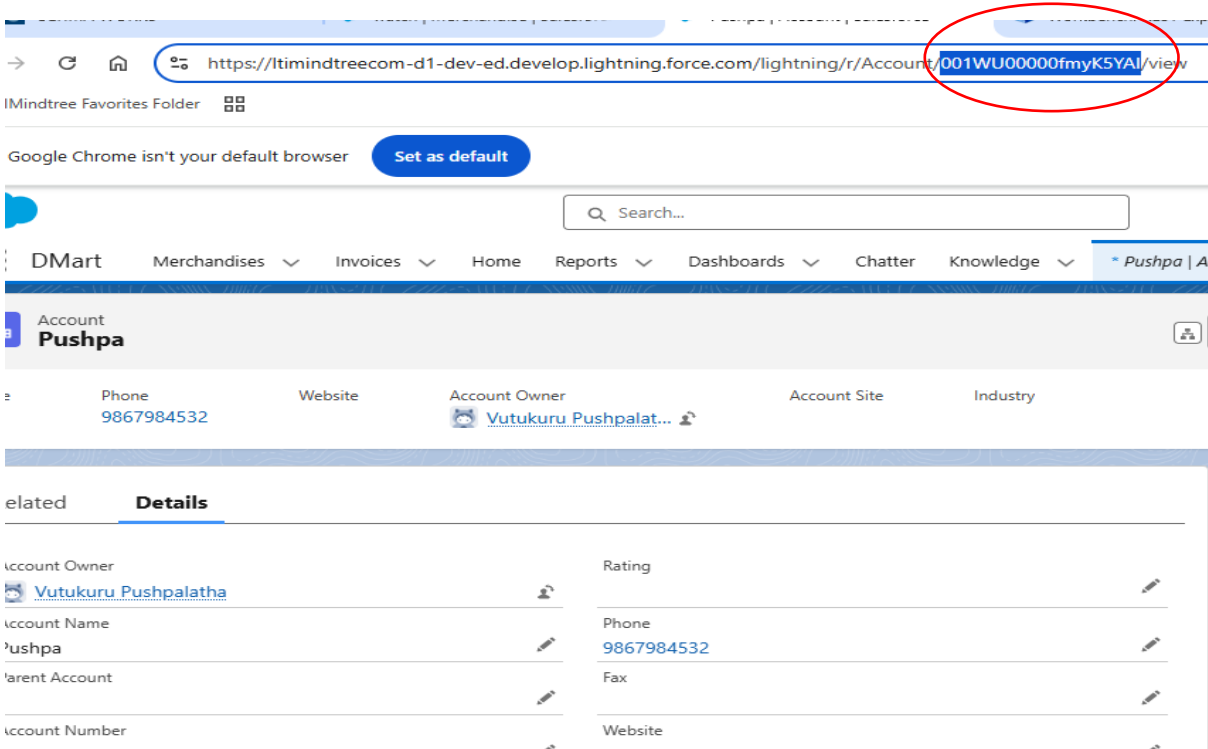
Workbench is free to use, but is not an official salesforce.com product. Workbench has not been officially tested or documented. salesforce.com support is not available for Workbench. Support requests for Workbench should be directed to Stackoverflow at <https://salesforce.stackexchange.com/questions/tagged/workbench>. Source code for Workbench can be found at <https://github.com/forceworkbench/forceworkbench> under separate and different license terms.

Login with Salesforce

- Select the REST Explorer in the utilities.



- Goto record of account select the ID of record which you want to delete.



https://ltimindtreecom-d1-dev-ed.develop.lightning.force.com/lightning/r/Account/001WU00000fmyKSYA/view

IMindtree Favorites Folder

Google Chrome isn't your default browser Set as default

DMart Merchandises Invoices Home Reports Dashboards Chatter Knowledge Pushpa | A

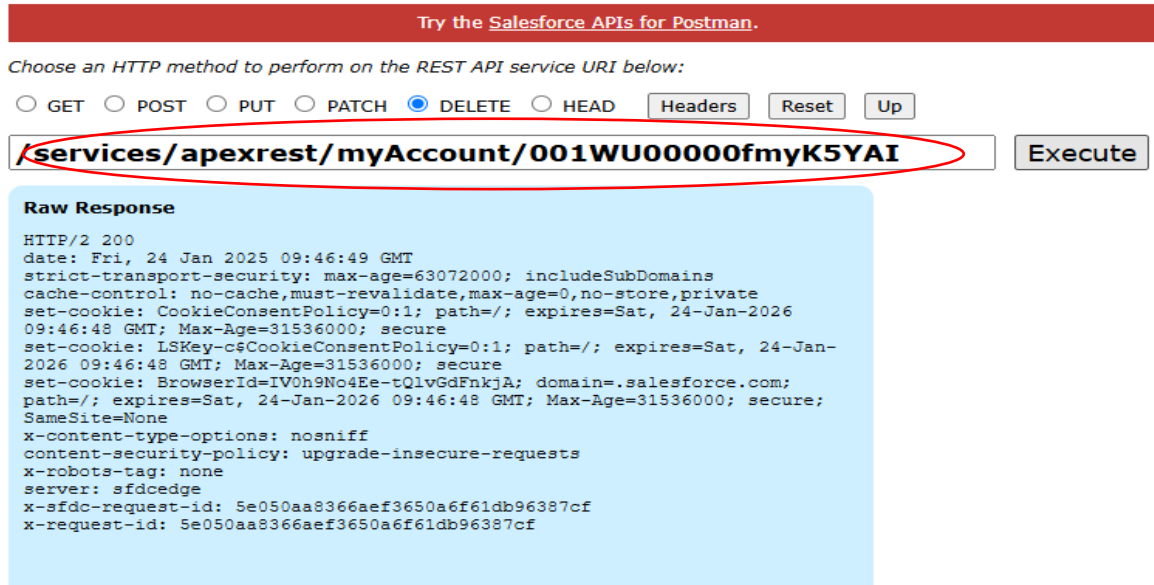
Account Pushpa

Phone 9867984532 Website Account Owner Vutukuru Pushpalat... Account Site Industry

Related Details

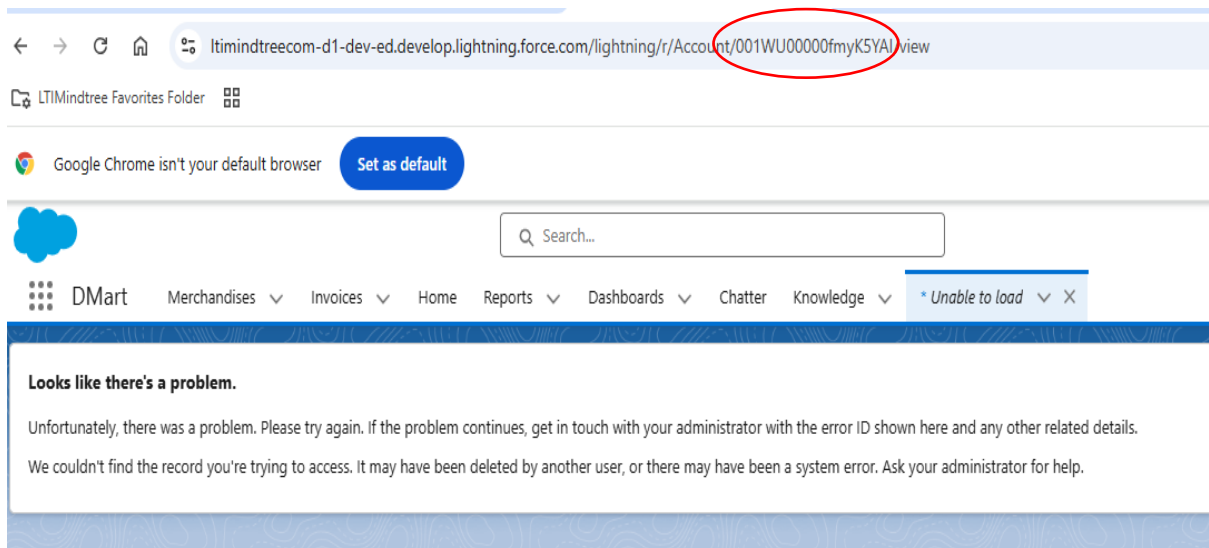
Account Owner	Vutukuru Pushpalatha	Rating	
Account Name	Pushpa	Phone	9867984532
Parent Account		Fax	
Account Number		Website	

- Select the Delete option .
- Write /services/apexrest/myAccount/ after that copy the ID that you are selected to delete.
- Click on Execute and then the record is deleted.



RESULT:

- The record was Deleted

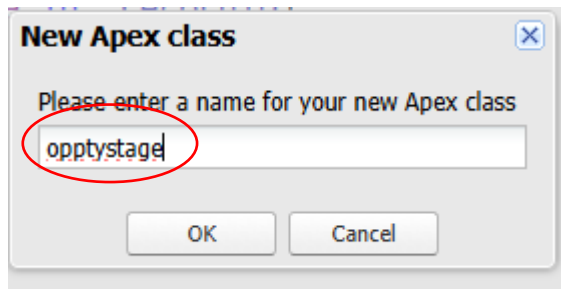


Medium-1

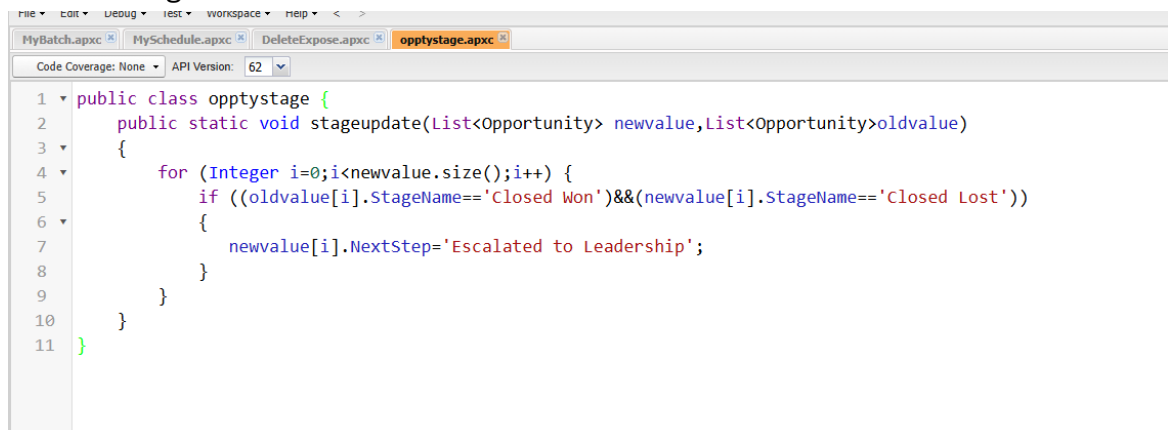
When the opportunity stage is changed from closed won to closed lost, then make the next step value as 'escalate to Leadership' using an apex trigger

Ans:

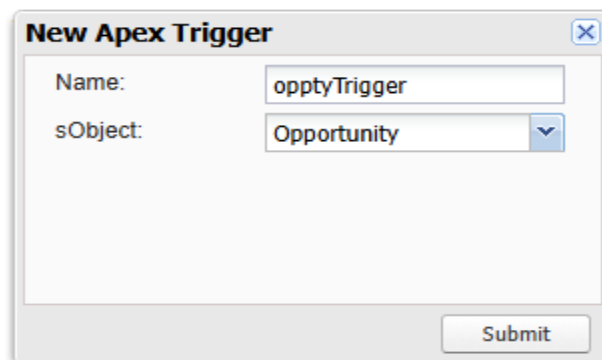
- Goto Developer Console and click File -> New -> Apex Class.
- A pop-up can be Displayed to enter the classname.
- My class name was opptyStage



- Write the logic in the class which can be shown below.



- Now create the Trigger and call the class inside the Trigger .
- click File -> New -> Apex Trigger.
- A pop-up can be Displayed to enter the Triggername and to select the object.



- Now call the Class in the Trigger as shown in below.

```

1 trigger opptyTrigger on Opportunity (before update,after update) {
2     if(Trigger.isbefore && Trigger.isupdate)
3     {
4         opptystage.stageupdate(Trigger.new,Trigger.old);
5     }
6 }
7 }

```

- Now the stage of opportunity is ClosedWon.

The screenshot shows the Salesforce interface for an Opportunity record named 'Iphone'. The record is in the 'Closed Won' stage, indicated by a green arrow in the top navigation bar. The 'Details' tab is active, showing fields such as Opportunity Owner (Vutukuru Pushpalatha), Amount (₹2,000.00), Expected Revenue (₹2,000.00), Close Date (24/01/2025), and Stage (Closed Won). The 'Stage' field is circled in red.

- When it was changed from Closed Won to Closed Lost

The screenshot shows the Salesforce interface for the same Opportunity record 'Iphone'. The record is now in the 'Closed Lost' stage, indicated by a red arrow in the top navigation bar. The 'Details' tab is active, showing fields such as Opportunity Owner (Vutukuru Pushpalatha), Amount (₹2,000.00), Expected Revenue (₹0.00), Close Date (24/01/2025), and Stage (Closed Lost). The 'Stage' field is circled in red.

RESULT:

- The Next Step Automatically updated to the Escalated to Leadership.

Opportunity

Iphone

+ Follow

New Case

Prospecting

Qualification

Needs Analysis

Value Proposit...

Id. Decision M...

Perception An...

Proposal/Pric...

Negotiation/R...

Closed Lost

Activity

Details

Chatter

Opportunity Owner

[Vutukuru Pushpalatha](#)

Private

☐

Opportunity Name

Iphone

Account Name

Type

Amount

₹2,000.00

Expected Revenue

₹0.00

Close Date

24/01/2025

Next Step

Escalated to Leadership

Stage

Closed Lost

Related

Products (0)

Notes & Attachme

Upl

Or dr