

TASK 1:

Requirement:

In Lead object, we got a scenario where we need to fetch all records having company name "Flipkart", is to be converted to "??????", as Flipkart got acquired by other company.

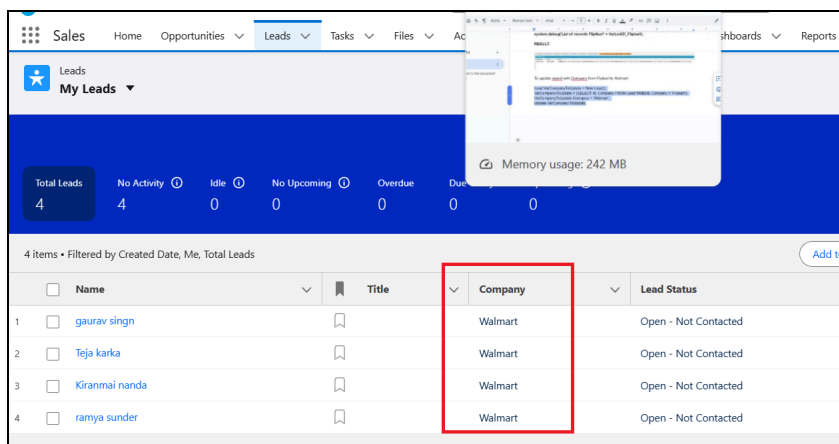
```
List<Lead> VarListOf_Flipkart = New List<Lead>();
VarListOf_Flipkart = [SELECT id, Company FROM Lead WHERE Company = 'Flipkart'];
system.debug('List of records Flipkart' + VarListOf_Flipkart);
```

RESULT:

Timestamp	Event	Details
19:07:26:023	USER_DEBUG	[3]DEBUG(List of records Flipkart(Lead:{Id=00Qaj00000ME6YjEAL, Company=Flipkart}, Lead:{Id=00Qaj00000ME6gnEAD, Company=Flipkart}, Lead:{Id=00Qaj00000ME6k1EAD, Company=Flipkart}, Lead:{Id=00Qaj00000ME6ldEAD, Company=Flipkart}))

To update record with Company from Flipkart to Walmart

```
List<Lead> VarCompanyToUpdate = [SELECT Id, Company FROM Lead WHERE Company = 'Flipkart'];
for (Lead VarList1 : VarCompanyToUpdate) {
    VarList1.Company = 'Walmart';
}
update VarCompanyToUpdate;
```



The screenshot shows the Salesforce 'My Leads' page. A table lists 4 leads, all with the company 'Walmart'. The 'Company' column is highlighted with a red box. A debug console window is open in the background, showing the execution log.

	Name	Title	Company	Lead Status
1	gaurav singh		Walmart	Open - Not Contacted
2	Teja karka		Walmart	Open - Not Contacted
3	Kiranmai nanda		Walmart	Open - Not Contacted
4	ramya sunder		Walmart	Open - Not Contacted

Assignment 1

Mock Interview / Coding Round :

Assignment 1 :

In Account object,
wherever company name is Amazon (contains the word Amazon),
then add in website field, "www.amazon.com".
(assume, we have multiple Amazon records in Account object which represents multiple branches of Amazon)

U do : Add some 3-4 records of Amazon.

Name (record 1) = Amazon Newyork

Name (record 2) = Amazon Hyderabad

Name (record 3) = Amazon Sydney

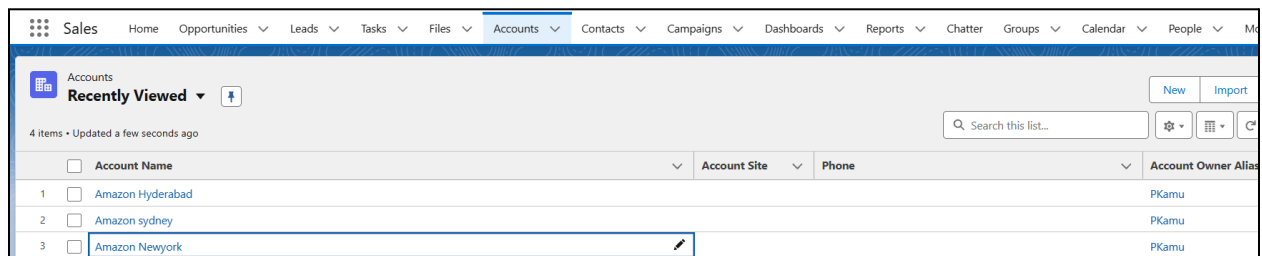
Supportive Point:

Name, Website are standard fields in Account object.

Pre-requisite:

Create some records in the object with name = Amazon and website field keep blank.

Created records with name = Amazon



The screenshot shows the Salesforce Accounts list view. The table has columns: Account Name, Account Site, Phone, and Account Owner Alias. There are three records listed:

	Account Name	Account Site	Phone	Account Owner Alias
1	Amazon Hyderabad			PKamu
2	Amazon sydney			PKamu
3	Amazon Newyork			PKamu

//Update the Website field where Name is Amazon

```
List<Account> VarUpdateWebsiteField = [SELECT Id, Website, Name FROM Account WHERE  
Name LIKE 'Amazon%'];
```

```
for (Account VarName1 : VarUpdateWebsiteField) {  
    VarName1.Website = 'www.amazon.com';  
}
```

```
update VarUpdateWebsiteField;
```

	Account Name ↑	Acco...	Billing State/Pr...	Phone	Type	Account O...	Website
1	Amazon Hyderabad					PKamu	www.amazon.com
2	Amazon Newyork					PKamu	www.amazon.com
3	Amazon sydney					PKamu	www.amazon.com

Assignment 2

For Standard Object

DML Operation Insert

//Declaring the Variable

```
Account VarAccountCreate = New Account();
```

//Insert Values

```
VarAccountCreate.Name = 'Nokia';
```

```
VarAccountCreate.Phone = '9876543210';
```

```
VarAccountCreate.Website = 'www.nokia.com';
```

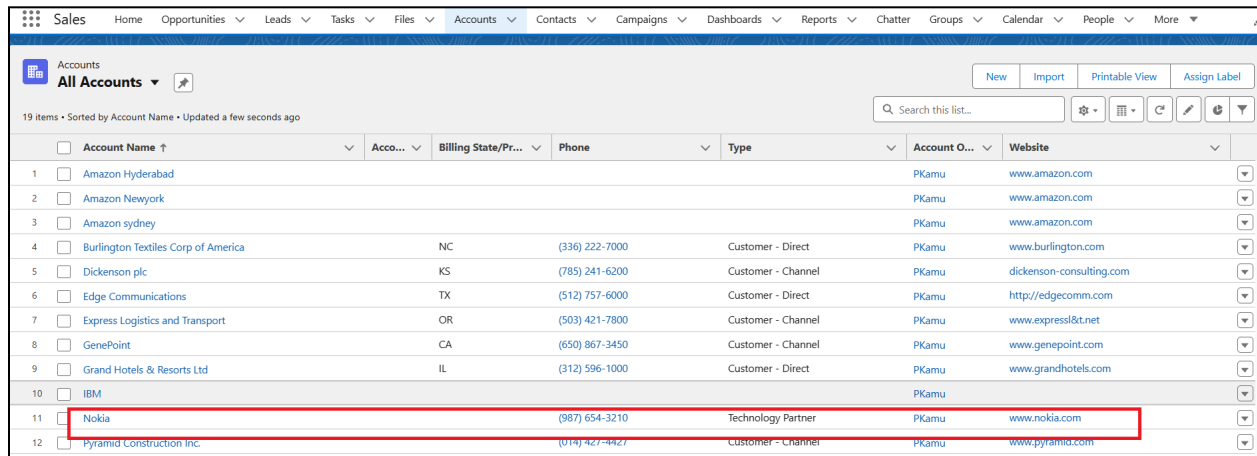
//Insert Fields

```
Insert VarAccountCreate;
```

	Account Name ↑	Acco...	Billing State/Pr...	Phone	Type	Account O...	Website
1	Amazon Hyderabad					PKamu	www.amazon.com
2	Amazon Newyork					PKamu	www.amazon.com
3	Amazon sydney					PKamu	www.amazon.com
4	Burlington Textiles Corp of America		NC	(336) 222-7000	Customer - Direct	PKamu	www.burlington.com
5	Dickenson plc		KS	(785) 241-6200	Customer - Channel	PKamu	dickenson-consulting.com
6	Edge Communications		TX	(512) 757-6000	Customer - Direct	PKamu	http://edgecomm.com
7	Express Logistics and Transport		OR	(503) 421-7800	Customer - Channel	PKamu	www.expressl&t.net
8	GenePoint		CA	(650) 867-3450	Customer - Channel	PKamu	www.genepoint.com
9	Grand Hotels & Resorts Ltd		IL	(312) 596-1000	Customer - Direct	PKamu	www.grandhotels.com
10	IBM					PKamu	
11	Nokia			(987) 654-3210		PKamu	www.nokia.com
12	Pyramid Construction Inc.			(014) 427-4427	Customer - Channel	PKamu	www.pyramid.com

DML Operation Update

```
List<Account> VarUpdateTypeField = [SELECT Id, Name FROM Account WHERE Name = 'Nokia'];
for (Account VarName1 : VarUpdateTypeField) {
    VarName1.Type = 'Technology Partner';
}
update VarUpdateTypeField;
```



Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups Calendar People More

Accounts All Accounts New Import Printable View Assign Label

19 items • Sorted by Account Name • Updated a few seconds ago

Search this list...

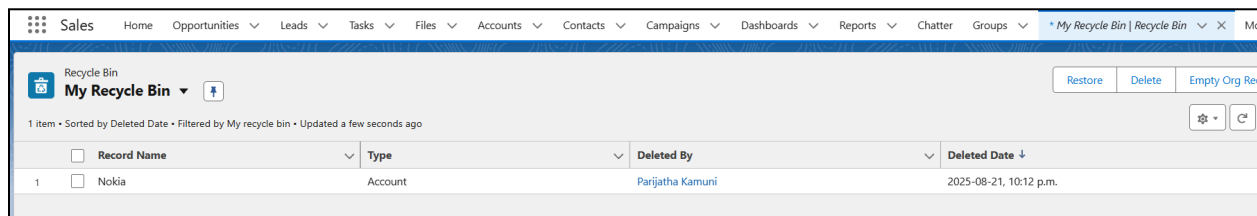
	Account Name	Account O...	Website
1	Amazon Hyderabad	PKamu	www.amazon.com
2	Amazon Newyork	PKamu	www.amazon.com
3	Amazon sydney	PKamu	www.amazon.com
4	Burlington Textiles Corp of America	PKamu	www.burlington.com
5	Dickenson plc	PKamu	dickenson-consulting.com
6	Edge Communications	PKamu	http://edgecomm.com
7	Express Logistics and Transport	PKamu	www.expressl&t.net
8	GenePoint	PKamu	www.genepoint.com
9	Grand Hotels & Resorts Ltd	PKamu	www.grandhotels.com
10	IBM	PKamu	
11	Nokia	PKamu	www.nokia.com
12	Pyramid Construction Inc.	PKamu	www.pyramio.com

DML Operation Delete

```
Account VarDeleteAccount = New Account();
```

```
VarDeleteAccount = [SELECT Id, Name FROM Account WHERE Name = 'Nokia'];
```

```
Delete VarDeleteAccount;
```



Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups My Recycle Bin | Recycle Bin

Recycle Bin My Recycle Bin Restore Delete Empty Org Re...

1 item • Sorted by Deleted Date • Filtered by My recycle bin • Updated a few seconds ago

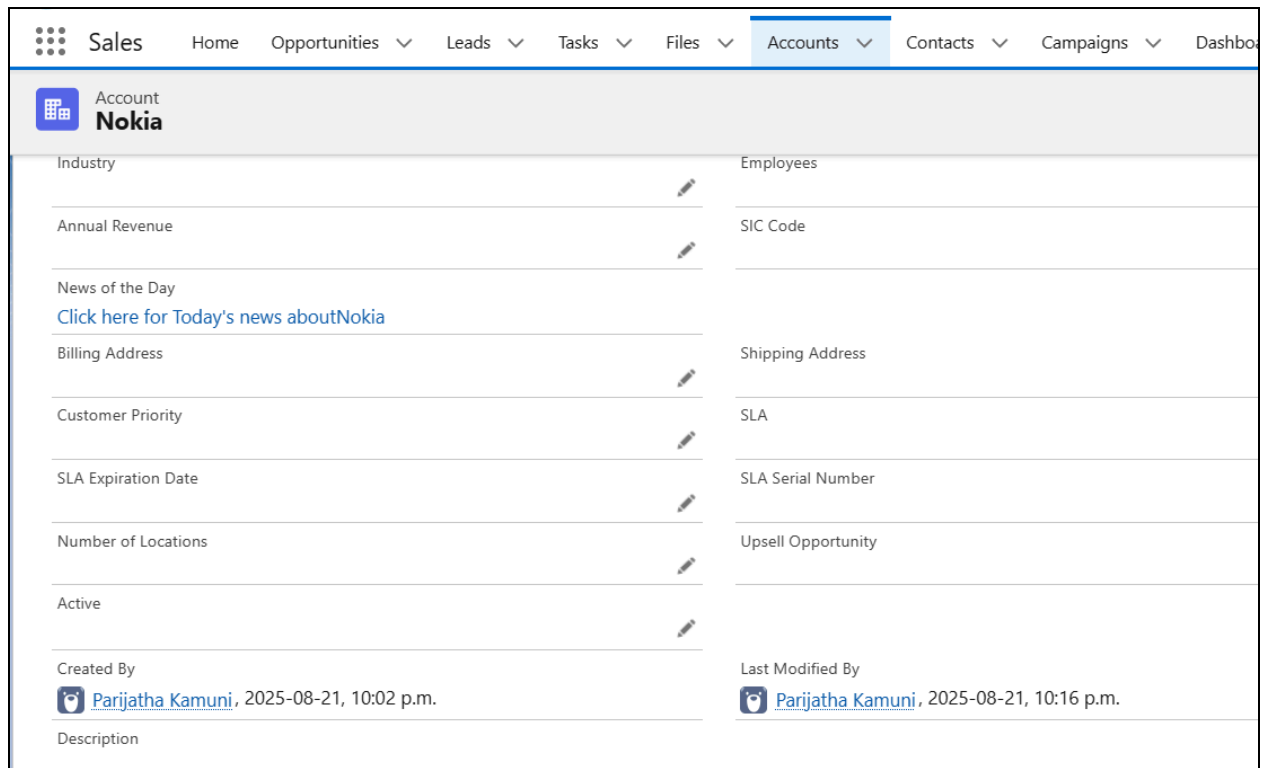
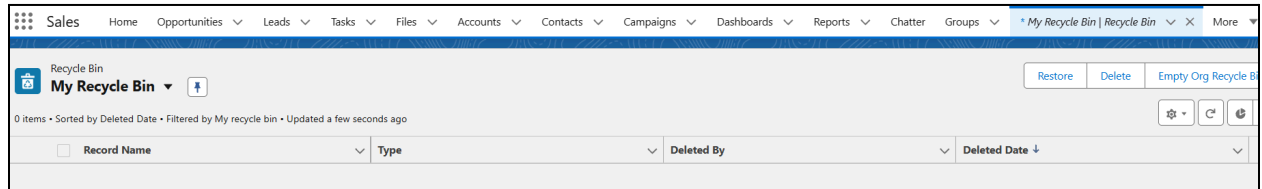
	Record Name	Type	Deleted By	Deleted Date
1	Nokia	Account	Parijatha Kamuni	2025-08-21, 10:12 p.m.

DML Operation UnDelete

```
Account VarUnDeleteAccount = New Account();
```

```
VarUnDeleteAccount = [SELECT Id, Name FROM Account WHERE Name = 'Nokia' ALL ROWS];
```

```
undelete VarUnDeleteAccount;
```



For Custom Object

DML Operation Insert

//Declaring the Variable

```
List<Parker_Pen__c> VarParkerPenCustomerCreate = New List<Parker_Pen__c>();
```

// Create first Record

```
Parker_Pen__c VarRecord1 = new Parker_Pen__c();
VarRecord1.Name = 'Vijay';
```

```
VarRecord1.Price__c = 200;
```

// Create Second Record

```
Parker_Pen__c VarRecord2 = new Parker_Pen__c();
```

```
VarRecord2.Name = 'Laya';
```

```
VarRecord2.Price__c = 400;
```

// Create Third Record

```
Parker_Pen__c VarRecord3 = new Parker_Pen__c();
```

```
VarRecord3.Name = 'Veena';
```

```
VarRecord3.Price__c = 400;
```

// Add Records to the list

```
VarParkerPenCustomerCreate.add(VarRecord1);
```

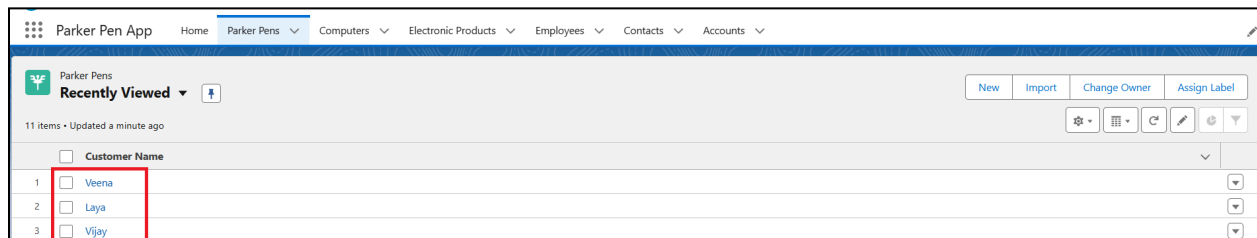
```
VarParkerPenCustomerCreate.add(VarRecord2);
```

```
VarParkerPenCustomerCreate.add(VarRecord3);
```

// Insert multiple records at once

```
insert VarParkerPenCustomerCreate;
```

RESULT



	Customer Name	
1	Veena	
2	Laya	
3	Vijay	

DML Operation Update

```
List<Parker_Pen__c> VarUpdatePriceField = [SELECT Price__c, Name FROM Parker_Pen__c  
WHERE Name = 'Laya'];
```

```
for (Parker_Pen__c VarPrice : VarUpdatePriceField) {
```

```
    VarPrice.Price__c = 1000;
```

```
}
```

```
update VarUpdatePriceField;
```

Parker Pen App

Home

Parker Pens

Computers

Electronic Products

Employees

Contacts

Accounts

Parker Pen

Laya

Related

Details

Customer Name

Laya

Price

\$1,000

Created By

Parijatha Kamuni

, 2025-08-21, 11:00 p.m.

Owner

Parijatha Kamuni

Last Modified By

Parijatha Kamuni

, 2025-08-21, 11:07 p.m.

DML Operation Delete

```
Parker_Pen__c VarDeleteRecord = New Parker_Pen__c();
```

```
VarDeleteRecord = [SELECT Name FROM Parker_Pen__c WHERE Name = 'Laya'];
```

```
Delete VarDeleteRecord;
```

Parker Pen App

Home

Parker Pens

Computers

Electronic Products

Employees

Contacts

Accounts

Search...

Looks like there's a problem.

Unfortunately, there was a problem. Please try again. If the problem continues, get in touch with your administrator with the error ID shown here and any other related details.

We couldn't find the record you're trying to access. It may have been deleted by another user, or there may have been a system error. Ask your administrator for help.

Recycle Bin

My Recycle Bin

Restore

1 item • Sorted by Deleted Date • Filtered by My recycle bin • Updated a few seconds ago

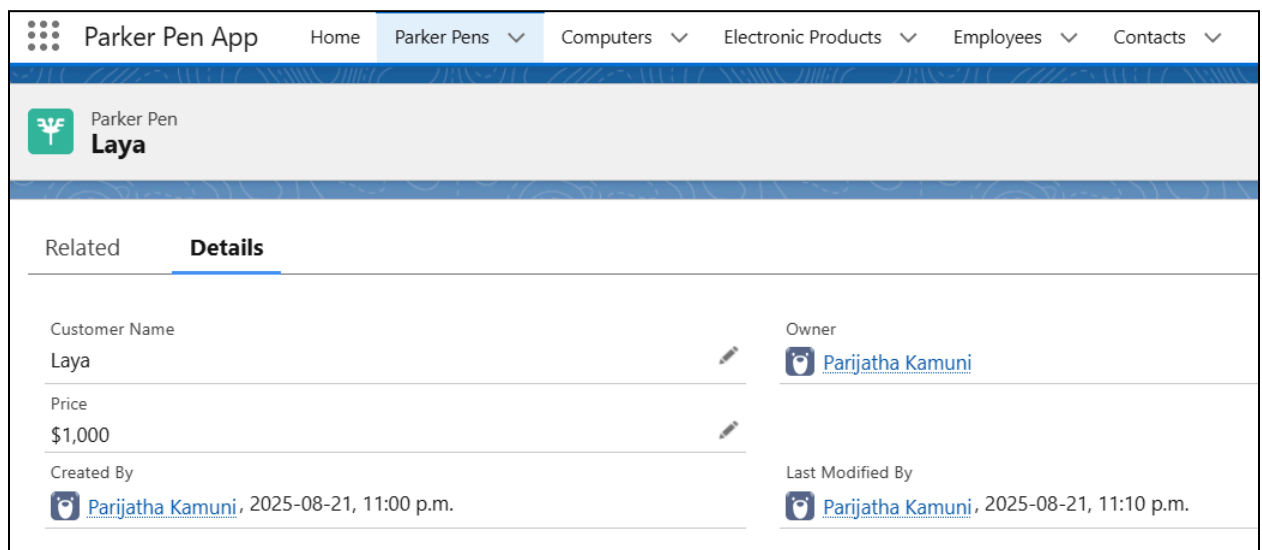
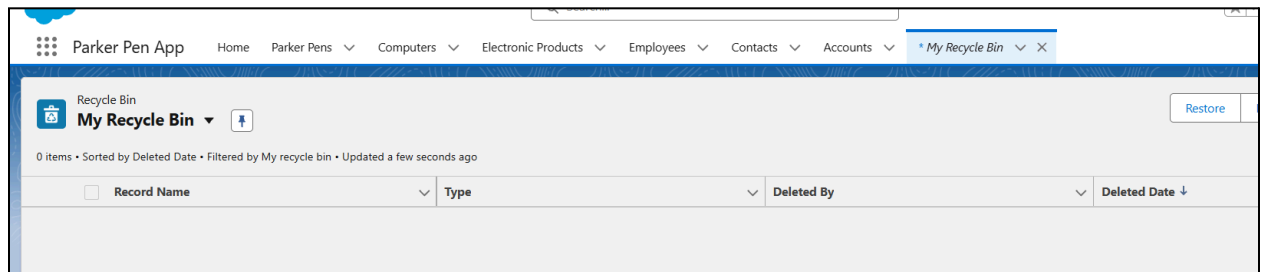
	Record Name	Type	Deleted By	Deleted Date
1	<input type="checkbox"/> Laya	Parker Pen	Parijatha Kamuni	2025-08-21, 11:09 p.m.

DML Operation UnDelete

```
Parker_Pen__c VarUnDeleteRecord = New Parker_Pen__c();
```

```
VarUnDeleteRecord = [SELECT Name FROM Parker_Pen__c WHERE Name = 'Laya' ALL  
ROWS];
```

```
undelete VarUnDeleteRecord;
```



TASK 2

note this:

In my case = Shekhar__Teacher__c

In ur case = Teacher__c

BACKGROUND:

Create 2 custom objects, "teacher" and "student". CREATE LR BETWEEN THEM.

Fire both directional queries as we saw in the case of standard objects, before few min.

Pre requisite:

Shekhar__Teacher__c (object) (Primary) : Shekhar__Subject__c (field)

Shekhar__Student__c (object) (Secondary) : Shekhar__Marks_Percentage__c (field)

Child Relationship Name : Students

(it comes automatically while creation of LR field, but we can set our preferred name as well)

Primary Object is Teacher

Secondary Object is Student

Fire query on secondary object, get data from Primary Object

Case1:

SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r) FROM Teacher__c

SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r)FROM Teacher__c	
Query Results - Total Rows: 3	
Subject__c	Students__r
English	[{"Marks_Percentage__c": "60"}]
Mathematics	[{"Marks_Percentage__c": "75"}, {"Marks_Percentage__c": "80"}]
Science	[{"Marks_Percentage__c": "65"}, {"Marks_Percentage__c": "30"}, {"Marks_Percentage__c": "60"}]
<div> Query Grid: Save Rows Insert Row Delete Row Refresh Grid </div> <div> Logs Tests Checkpoints Query Editor View State Progress Problems </div> <div> SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r)FROM Teacher__c </div> <div> Any query errors will appear here... </div> <div> History Executed SELECT COUNT(T SELECT COUNT(S </div>	

SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r) FROM Teacher__c WHERE Name = 'Vijay kumar'

SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r)FROM Teacher__c WHERE Name = 'Vijay kumar'	
Query Results - Total Rows: 1	
Subject__c	Students__r
Science	[{"Marks_Percentage__c": "60"}, {"Marks_Percentage__c": "30"}, {"Marks_Percentage__c": "65"}]
<div> Query Grid: Save Rows Insert Row Delete Row Refresh Grid </div> <div> Logs Tests Checkpoints Query Editor View State Progress Problems </div> <div> SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r)FROM Teacher__c WHERE Name = 'Vijay kumar' </div> <div> Any query errors will appear here... </div> <div> History Executed SELECT COUNT(Typ SELECT COUNT(Sal </div>	

Parker Pen App Home Parker Pens Computers Electronic Products Employees Contacts Accounts Teachers Students

Teacher
Vijay kumar

Related Details

Students (3) [New](#)

Student Name	
Arjun singh	▼
Sujay	▼
Iaya srinivasan	▼

[View All](#)

Case2: SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c

Student__c@12:23 AM

SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c

Query Results - Total Rows: 6

Marks_Percentage__c	Teacher__r.Subject__c
60	Science
80	Mathematics
30	Science
65	Science
75	Mathematics
60	English

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

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

SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c

SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c WHERE Name = 'Arjun singh'

File Edit Debug Test Workspace Help < >

Student__c@12:31 AM

```
SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c WHERE Name = 'Arjun singh'
```

Query Results - Total Rows: 1

Marks_Percentage__c	Teacher__r.Subject__c
60	Science

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

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

```
SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c WHERE Name = 'Arjun singh'
```

TASK 3:

1.

Your manager asked you to get information of all those clients we added in Salesforce.
He also said to give only latest client records if any client has multiple record entries.
And he also said to give only latest 15 client names.

Hint:

Account object contains client names

Name field hold name of client

CreatedDate is the field tells when record is created.

2.

We have multiple records in Account object for same client name due to some data issue.

So managers wants to see average count of number of employees in each client companies for providing them a new insurance scheme as per employee count.

Manager wants you to provide info of clients, who are from Chemical Industry.

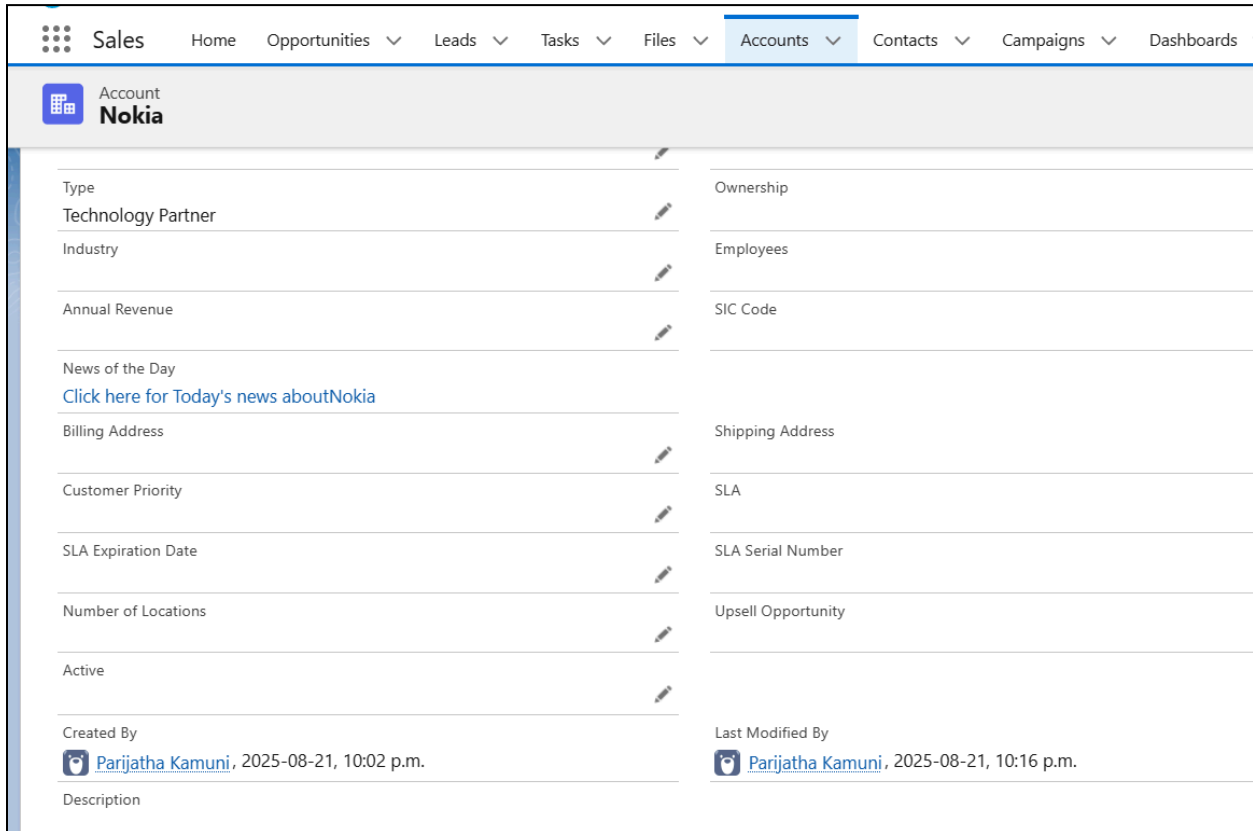
But manager wants only those companies where employee average count is less than 1000

Hint: NumberOfEmployees (field from Account object)

1.

```
SELECT Name, MAX(CreatedById)
FROM Account
GROUP BY Name
ORDER BY Max(CreatedById) Desc
limit 15
```

I dont see any CreatedDate field so I use CreatedId in the Query



The screenshot shows a CRM interface with a top navigation bar containing 'Sales', 'Home', 'Opportunities', 'Leads', 'Tasks', 'Files', 'Accounts' (selected), 'Contacts', 'Campaigns', and 'Dashboards'. Below the navigation bar is a header for the 'Account' 'Nokia'. The main content area displays various fields for the account, organized in two columns. Each field has a pencil icon for editing. The fields are: Type (Technology Partner), Industry, Annual Revenue, News of the Day (with a link 'Click here for Today's news about Nokia'), Billing Address, Customer Priority, SLA Expiration Date, Number of Locations, Active, Created By (Parijatha Kamuni, 2025-08-21, 10:02 p.m.), and Description. The right column contains: Ownership, Employees, SIC Code, Shipping Address, SLA, SLA Serial Number, Upsell Opportunity, and Last Modified By (Parijatha Kamuni, 2025-08-21, 10:16 p.m.).

Type	Ownership
Technology Partner	
Industry	Employees
Annual Revenue	SIC Code
News of the Day	
Click here for Today's news about Nokia	
Billing Address	Shipping Address
Customer Priority	SLA
SLA Expiration Date	SLA Serial Number
Number of Locations	Upsell Opportunity
Active	
Created By	Last Modified By
Parijatha Kamuni , 2025-08-21, 10:02 p.m.	Parijatha Kamuni , 2025-08-21, 10:16 p.m.
Description	

2.

```
SELECT Name, AVG(NumberOfEmployees)
FROM Account
WHERE Industry = 'Chemicals'
GROUP BY Name
HAVING AVG(NumberOfEmployees) < 1000
ORDER BY AVG(NumberOfEmployees) Desc
LIMIT 1000
```

File Edit Debug Test Workspace Help < >

Account@1:32 AM

ELECT Name, AVG(NumberOfEmployees) FROM Account WHERE Industry = 'Chemicals' GROUP BY Name HAVING AVG(NumberOfEmployees) < 1000 ORDER BY AVG(NumberOfEmployees) Desc

Query Results - Total Rows: 1

Name	avg(NumberOfEmployees)
ABC welfare	200

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

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

```

ELECT Name, AVG(NumberOfEmployees)
FROM Account
WHERE Industry = 'Chemicals'
GROUP BY Name
HAVING AVG(NumberOfEmployees) < 1000
ORDER BY AVG(NumberOfEmployees) Desc
LIMIT 1000

```

TASK 4:

(use any object with salary field, or create new object.add some records. and then work on below queries.)

1.Query to fetch records having salary more than 1000 \$/INR.

2.Get max value from Salary.

3.Get average salary of all employees in table.

REQUIREMENTS ARE TRICKY. SO BE CAREFUL!

1. ANSWER:

```

SELECT Salary__c
FROM Employee__c
WHERE Salary__c > 1000

```

SELECT Salary__c FROM Employee__c WHERE Salary__c > 1000

Salary__c
20000
222222
50000
1500
2000

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

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

SELECT Salary__c
FROM Employee__c
WHERE Salary__c > 1000

Any query errors will appear here...

2. ANSWER:

SELECT MAX(Salary_c) FROM Employee_c

SELECT MAX(Salary__c) FROM Employee__c

max(Salary__c)
222222

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

Logs Tests Checkpoints **Query Editor** View State Progress Problem

SELECT MAX(Salary__c)
FROM Employee__c

3. AVG Salary from all employees from table

ANSWER:

```
SELECT AVG(Salary_c) FROM Employee_c
```

The screenshot shows a database application window with three tabs: 'User@9:43 PM', 'Employee_details_c@10:00 PM', and 'Employee_c@10:05'. The active tab displays the query 'SELECT AVG(Salary_c) FROM Employee_c'. Below the query, a header bar indicates 'Query Results - Total Rows: 1'. A table with one row shows the result: 'avg(Salary_c)' with the value '59144.4'. At the bottom, there is a 'Query Grid' with buttons for 'Save Rows', 'Insert Row', 'Delete Row', and 'Refresh Grid'. Below the grid are tabs for 'Logs', 'Tests', 'Checkpoints', 'Query Editor' (which is active), 'View State', 'Progress', and 'Pi'. The 'Query Editor' tab shows the same query: 'SELECT AVG(Salary_c) FROM Employee_c'.

avg(Salary_c)
59144.4

TASK 5:

Assignment for Advance level query: (5-7 min)

Object = Account (standard object)

Fields = Industry, Name, Website, NumberOfEmployees, Rating (standard fields)

Condition =

Get list of company data for your Visualforce Page where the company must be from Finance domain, Employee count must be more than 10000 and rating must be HOT.

If this is not present, then at least give such records where the company website needs to have domain name ending with .Com(commercial companies) and industry is Finance.

Write a query for the same.

(not to write any Visualforce page!!! We have just given u one use case scenario.)

```
SELECT Id, Industry, Name, Website, NumberOfEmployees, Rating  
FROM Account
```


WHERE (Industry = 'Finance' AND NumberOfEmployees >10000 AND Rating = 'Hot')
OR (Industry = 'Finance' AND Website LIKE '%.Com')

Account@10:23 PM

SELECT Id, Industry, Name, Website, NumberOfEmployees, Rating FROM Account WHERE (Industry = 'Finance' AND NumberOfEmployees > 10000 AND Rating = 'Hot') OR (Industry = 'Finance' AND Website LIKE '%.Com')

Query Results - Total Rows: 2

Id	Industry	Name	Website	NumberOfEmployees	Rating
001aj000010P4a0AAD	Finance	MI		12000	Hot
001aj000010P7PAAL	Finance	M&M Insurance	www.mandminsurance.com	9000	Warm

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

Access in Salesforce: Create New

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

SELECT Id, Industry, Name, Website, NumberOfEmployees, Rating
FROM Account
WHERE (Industry = 'Finance' AND NumberOfEmployees > 10000 AND Rating = 'Hot')
OR (Industry = 'Finance' AND Website LIKE '%.Com')

Any query errors will appear here...

History

Executed

SELECT COUNT(Industry__c) FROM Comp
SELECT COUNT(Name) FROM Electronic_
SELECT COUNT(Type__c) FROM Electron
SELECT COUNT(Salary__c) FROM Employ

TASK 6:

1.

Student Selection Process:

1.

Create an object called student.

2.

Fields = Name, Age, Experience

Create 1 more field called Status (Text Field).

3.

If record is inserted, where:

Age < 30

and

Experience is more than 8 yrs,

then write value in the field Status = "Selected"

//Apex Class

```
public class StudentStatusTriggerClass{
    Public static void updateDiscount(List<Student__c> StudentListNew){
        for(Student__c VarStu : StudentListNew){
            If(VarStu.Age__c >30 && VarStu.Experience__c > 8){
                VarStu.Status__c = 'Selected';
            }
        }
    }
}
```

//Trigger

Trigger StudentStatusTrigger on Student__c (before insert){

```
    if(Trigger.isinsert == true && Trigger.isBefore == true){
        StudentStatusTriggerClass.UpdateStatus(Trigger.new);
    }
}
```

RESULT:

The screenshot displays the 'Parker Pen App' interface. At the top, a navigation bar includes links for Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, Teachers, and Students. A green notification banner at the top right states 'Student "Vishal" was created.' Below this, the 'Students' section is active, showing a 'Details' view for a student named 'Vishal'. The student's profile includes fields for Student Name (Vishal), Marks Percentage, Teacher, Age (31), Experience (9), Status (Selected), Created By (Parijatha Kamuni), and Last Modified By (Parijatha Kamuni). The 'Student Name' and 'Age' fields are highlighted with red boxes.

Field	Value
Student Name	Vishal
Marks Percentage	
Teacher	
Age	31
Experience	9
Status	Selected
Created By	Parijatha Kamuni, 2025-08-23, 12:55 a.m.
Last Modified By	Parijatha Kamuni, 2025-08-23, 12:55 a.m.

Parker Pen App Home Parker Pens Computers Electronic Products Employees Contacts Accounts Teachers Students

Student jay

Student "jay" was created.

Related Details

Student Name	jay	Owner	Parijatha Kamuni
Marks Percentage			
Teacher			
Age	25		
Experience	6		
Status			

Created By Parijatha Kamuni, 2025-08-23, 12:56 a.m.

Last Modified By Parijatha Kamuni, 2025-08-23, 12:56 a.m.

2.

=====

Computer Capacity Check:

1.

Create Object = Computer

2.

Fields = RAM,Processor,Hdisk

1 more field = Capacity(Text Field)

3.

If record is inserted/Edited, where:

RAM is less than 1 GB

Processor is less than 2 GHz

Hdisk less than 50 GB

then value in Capacity is to be = "Low Capacity"

//APEX Class

```

Public class ComputerCapacityClass{
    Public static void ComputerCapacityStatus(List<Computer__c> NewRecord){
        For(Computer__c Com : NewRecord){
            if(Com.RAM_in_G__c < 1 && Com.Processor_in_GHz__c < 2 && Com.Hdisk_in_GB__c <
50){
                Com.Capacity__c = 'Low Capacity';
            }
        }
    }
}

```

//Trigger

```

Trigger ComputerCapacityTrigger on Computer__c(before insert, before update){
    if(trigger.isbefore && (trigger.isinsert==true || trigger.isupdate==true)){
        ComputerCapacityClass.ComputerCapacityStatus(trigger.new);
    }
}

```

RESULT:

The screenshot shows the Parker Pen App interface. At the top, there is a navigation bar with a grid icon and the text 'Parker Pen App'. Below this, there is a horizontal menu with several items: 'Home', 'Parker Pens', 'Computers', 'Electronic Products', 'Employees', 'Contacts', 'Accounts', 'Teachers', and 'Students'. The 'Computers' item is highlighted with a red box. Below the menu, there is a header section with a computer icon and the text 'Computer jay'. To the right of this, there is a green notification box that says 'Computer "jay" was created.' with a close button. Below the header, there is a 'Details' tab. Under the 'Details' tab, there is a table with the following rows: 'Name' (jay), 'Price', 'Brand', 'Weight', 'RAM in GB' (0.500), 'Processor in GHz' (1.000), 'Hdisk in GB' (40.000), 'Capacity' (Low Capacity), and 'Owner' (Parijatha Kamuni). The 'RAM in GB', 'Processor in GHz', 'Hdisk in GB', and 'Capacity' rows are highlighted with a red box.

Parker Pen App

Home

Parker Pens

Computers

Electronic Products

Employees

Contacts

Accounts

Teachers

Students

Computer

kiran

✓

Computer "kiran" was created.

×

Related

Details

Name

kiran

Price

Brand

Weight

RAM in GB

2.000

Processor in GHz

4.000

Hdisk in GB

80.000

Capacity

Owner

Parijatha Kamuni

Created By

Last Modified By

Record Updated

Parker Pen App

Home

Parker Pens

Computers

Electronic Products

Employees

Contacts

Computer

jay Kishan

Related

Details

Name

jay Kishan

Price

Brand

Weight

RAM in GB

1.000

Processor in GHz

1.000

Hdisk in GB

40.000

Capacity

Low Capacity

Owner

Parijatha Kamuni

Created By

Parijatha Kamuni

2025-08-23, 1:25 a.m.

Last Modified By

Parijatha Kamuni

2025-08-23, 1:40 a.m.

3.

Mobile Shopee Discount:

- Create an object : Mobile
- Create fields like: Customer name(Text), Price(Currency), Brand (Picklist:Samsung,Apple)

Mobile company use this object for making entry of their sale.

Scenario:

As per the mobile shop,when record is inserted,
when Brand is Samsung, we need to give 5% discount,
when Brand is Apple, we need to give 15% discount.

Write a Trigger and Class for this business scenario.

//Apex class

```
public class MobileBusinessClass {  
    public static void applyDiscount(List<Mobile__c> mobiles){  
        for(Mobile__c mob : mobiles){  
            if(mob.Brand__c == 'Samsung'){  
                mob.Discount__c = 5;  
                mob.Discounted_price__c = mob.Price__c * 0.05; // 5% discount  
                mob.FinalPrice__c = mob.Price__c - mob.Discounted_price__c;  
            }  
            else if(mob.Brand__c == 'Apple'){  
                mob.Discount__c = 15;  
                mob.Discounted_price__c = mob.Price__c * 0.15; // 15% discount  
                mob.FinalPrice__c = mob.Price__c - mob.Discounted_price__c;  
            }  
            else {  
                mob.Discounted_price__c = 0; // No discount for other brands  
            }  
        }  
    }  
}
```

//Trigger

```
trigger MobileTrigger on Mobile__c (before insert) {  
    if(Trigger.isInsert== true && Trigger.isBefore==true){  
        MobileBusinessClass.applyDiscount(Trigger.new);  
    }  
}
```

RESULT:

Brand = Samsung with 5% discount

Parker Pen App Home Parker Pens Computers Electronic Products Employees Contacts Accounts Teachers Students **Mobiles**

Mobile **vishnu** Mobile "vishnu" was created. New

Related	Details
Name	Owner
vishnu	Parijatha Kamuni
Price	
\$1,000	
Brand	
Samsung	
Discount	
5%	
Discounted price	
\$50.00	
FinalPrice	
\$950	
Created By	Last Modified By
Parijatha Kamuni , 2025-08-23, 2:10 a.m.	Parijatha Kamuni , 2025-08-23, 2:10 a.m.

BRAND = Apple with 15% discount

Parker Pen App Home Parker Pens Computers Electronic Products Employees Contacts Accounts Teachers Students **Mobiles**

Mobile **hima** N

Related	Details
Name	Owner
hima	Parijatha Kamuni
Price	
\$2,000	
Brand	
Apple	
Discount	
15%	
Discounted price	
\$300.00	
FinalPrice	
\$1,700	
Created by	Last Modified By
Parijatha Kamuni , 2025-08-23, 2:11 a.m.	Parijatha Kamuni , 2025-08-23, 2:11 a.m.

Brand = None no discount

Parker Pen App

Home

Parker Pens

Computers

Electronic Products

Employees

Contacts

Accounts

Teachers

Students

Mobiles

Mobile

jay

Mobile "jay" was created.

New

Related

Details

Name

jay

Price

\$4,000

Brand

Discount

Discounted price

\$0.00

FinalPrice

Owner

Parijatha Kamuni

Created By

Parijatha Kamuni

2025-08-23, 2:13 a.m.

Last Modified By

Parijatha Kamuni

2025-08-23, 2:13 a.m.

4.

Mobile Shopee Discount + Context Variables:

Object = Mobile

Field = Customer Name, Price, Brand (Picklist: Samsung, Apple), Discount Status

Business Scenario:

Christmas sale is going on. Mobile company wants to give discount in below format:

1.If customer is buying mobile during sale season (Case: Inserting a record)

10% discount for Samsung

20% discount for Apple

2.If any customer who bought mobile before season and now he is expecting the discount,(Case: Updating a record):

5% discount for Samsung

No discount for Apple

3.Mention all the discount we are giving in text format in the field "Discount Status" so it will be shown on screen as well

Ex: Congrats! You got xyz% discount

//APEX class

```
public class MobileBusinessClass {  
    public static void applyDiscount(List<Mobile__c> mobiles){  
        for(Mobile__c mob : mobiles){  
            //Insert New record (Sale season discount)  
            if(Trigger.isInsert){  
                if(mob.Brand__c == 'Samsung'){
```


RESULT:

New record insert brand = Samsung got 10% discount

Parker Pen App

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudentsMobiles

Mobile kamala

Related

Details

Name

kamala

Price

\$2,000

Brand

Samsung

Discount

10%

Discounted price

\$200.00

FinalPrice

Discount Status

Congrats! You got 10% discount on Samsung.

Owner

Parijatha Kamuni

New record insert brand = Apple got a 20% discount

Parker Pen App

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudents

Mobile Roja

Related

Details

Name

Roja

Price

\$5,000

Brand

Apple

Discount

20%

Discounted price

\$1,000.00

FinalPrice

Discount Status

Congrats! You got 20% discount on Apple.

Owner

Parijatha Kamuni

Update record Brand = Samsung 5% discount

Parker Pen App

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudentsMobiles

Mobile

laya sree

Mobile "laya sree" was saved.

Related

Details

Name

laya sree

Price

\$2,500

Brand

Samsung

Discount

5%

Discounted price

\$125.00

FinalPrice

\$995

Discount Status

Congrats! You got 5% discount on Samsung.

Created By

Owner

Parijatha Kamuni

Update record Brand = Apple 0 discount

Parker Pen App

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachers

Mobile

shiva

Mobile "shiva" was saved.

Related

Details

Name

shiva

Price

\$5,500

Brand

Apple

Discount

0%

Discounted price

\$700.00

FinalPrice

Discount Status

Sorry, no discount available for Apple after season.

Owner

Parijatha Kamuni