

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.

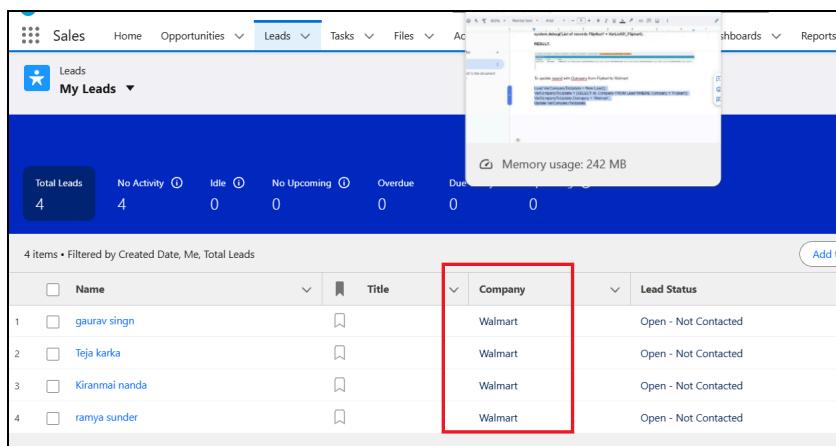
```
List<Lead> VarListOf_Flipkart = New List<Lead>();  
VarListOf_Flipkart = [SELECT id, Company FROM Lead WHERE Company = 'Flipkart'];  
system.debug('List of records Fliptkart' + VarListOf_Flipkart);
```

RESULT:



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;
```



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

Accounts					
Recently Viewed					
		New		Import	
				Search this list...	Filter
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;

```

	Account Name	Acco...	Billing State/Pr...	Phone	Type	Account O...	Website
1	Amazon Hyderabad				Customer - Direct	PKamu	www.amazon.com
2	Amazon Newyork				Customer - Channel	PKamu	www.amazon.com
3	Amazon sydney				Customer - Direct	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		Technology Partner	PKamu	www.nokia.com
12	Pyramid Construction Inc.		(014) 427-4427		Customer - Channel	PKamu	www.pyramido.com

DML Operation Delete

Account VarDeleteAccount = New Account();

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

Delete VarDeleteAccount;

Record Name	Type	Deleted By	Deleted Date
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;
```

The screenshot shows the Salesforce Recycle Bin interface. The top navigation bar includes Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, and More. Below the navigation is a header for "My Recycle Bin" with options to Restore, Delete, or Empty Org Recycle Bin. A message indicates 0 items are sorted by Deleted Date and updated a few seconds ago. The main area displays a table with columns for Record Name, Type, Deleted By, and Deleted Date. A single row is visible for the account "Nokia".

The screenshot shows the Salesforce Account page for the record "Nokia". The top navigation bar includes Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, and Dashboards. The "Accounts" tab is selected. The main content area displays various account details: Industry (Blank), Annual Revenue (Blank), News of the Day (Link to "Click here for Today's news aboutNokia"), Billing Address (Blank), Customer Priority (Blank), SLA Expiration Date (Blank), Number of Locations (Blank), Active (Blank), Created By (Parijatha Kamuni, 2025-08-21, 10:02 p.m.), Last Modified By (Parijatha Kamuni, 2025-08-21, 10:16 p.m.), Description (Blank), Employees (Blank), SIC Code (Blank), Shipping Address (Blank), SLA (Blank), SLA Serial Number (Blank), and Upsell Opportunity (Blank).

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;

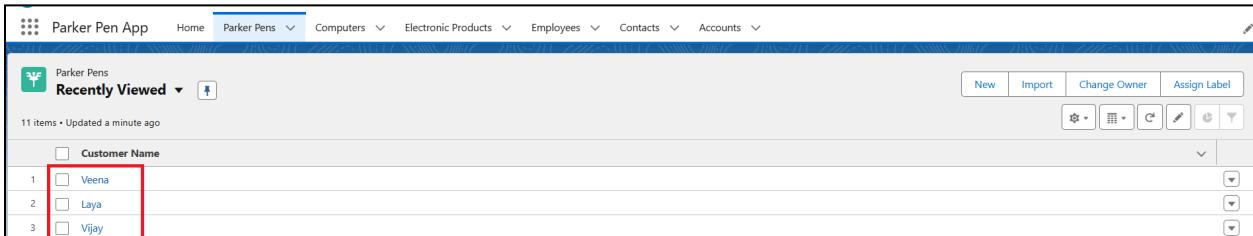
// Create Second Record
Parker_Pen__c VarRecord2 = new Parker_Pen__c();
VarRecord2.Name = 'Laya';
VarRecord2.Price__c = 400;

// 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



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

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;
```

Search...

Parker Pen App

Parker Pens

Computers

Electronic Products

Employees

Contacts

Accounts

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

Record Name	Type	Deleted By	Deleted Date
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;
```

The screenshot shows the Parker Pen App interface with a blue header bar. The header includes the app logo, 'Parker Pen App', and navigation links for Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, and a dropdown for 'My Recycle Bin'. Below the header is a search bar with placeholder text 'Record Name' and a dropdown for 'Type'. A 'Deleted By' dropdown is also present. At the bottom right of the search area is a 'Restore' button. The main content area is titled 'My Recycle Bin' and displays a message: '0 items • Sorted by Deleted Date • Filtered by My recycle bin • Updated a few seconds ago'. There is no data listed in the table below.

The screenshot shows the Parker Pen App interface with a blue header bar. The header includes the app logo, 'Parker Pen App', and navigation links for Home, Parker Pens, Computers, Electronic Products, Employees, and Contacts. Below the header is a card for a record named 'Laya', which includes a green icon, the name 'Laya', and a 'Parker Pen' label. The main content area has tabs for 'Related' and 'Details', with 'Details' being the active tab. Under the 'Details' tab, there are two columns of information. The left column contains fields for 'Customer Name' (Laya), 'Price' (\$1,000), and 'Created By' (Parjatha Kamuni, 2025-08-21, 11:00 p.m.). The right column contains fields for 'Owner' (Parjatha Kamuni) and 'Last Modified By' (Parjatha Kamuni, 2025-08-21, 11:10 p.m.). Each field has a small edit icon to its right.

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"}]

Query Grid: Save Rows | Insert Row | Delete Row | Refresh Grid

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

SELECT Subject__c, (SELECT Marks_Percentage__c FROM Students__r)FROM Teacher__c

Any query errors will appear here...

History Executed
SELECT COUNT()
SELECT COUNT()

```
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"}]

Query Grid: Save Rows | Insert Row | Delete Row | Refresh Grid

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

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

Any query errors will appear here...

History Executed
SELECT COUNT()
SELECT COUNT()

The screenshot shows a web application interface for 'Parker Pen App'. At the top, there is a navigation bar with links: Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, Teachers, and Students. Below the navigation bar, a user profile is displayed for 'Teacher Vijay kumar'. A 'Related' section shows a list of 'Students (3)' with names: Arjun singh, Sujay, and laya srinivasan. There is a 'New' button at the top right of this list.

Case2: SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c

The screenshot shows a database query results grid titled 'Student__c@12:23 AM'. The query executed is: 'SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c'. The results are displayed in a table with two columns: 'Marks_Percentage__c' and 'Teacher__r.Subject__c'. The data shows six rows of results.

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

At the bottom, there is a 'Query Grid' toolbar with buttons for Save Rows, Insert Row, Delete Row, Refresh Grid, Logs, Tests, Checkpoints, Query Editor (which is selected), View State, Progress, and Problems. The SQL query 'SELECT Marks_Percentage__c, Teacher__r.Subject__c FROM Student__c' is also visible in the bottom panel.

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 the Microsoft Dynamics 365 interface with the 'Accounts' tab selected in the top navigation bar. The main content area displays the details for the account 'Nokia'. The fields shown include:

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

2.

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

```

SELECT 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
```

Query Results - Total Rows: 5

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
```

Query Results - Total Rows: 1

max(Salary__c)
222222

Query Grid: Save Rows Insert Row Delete Row Refresh Grid

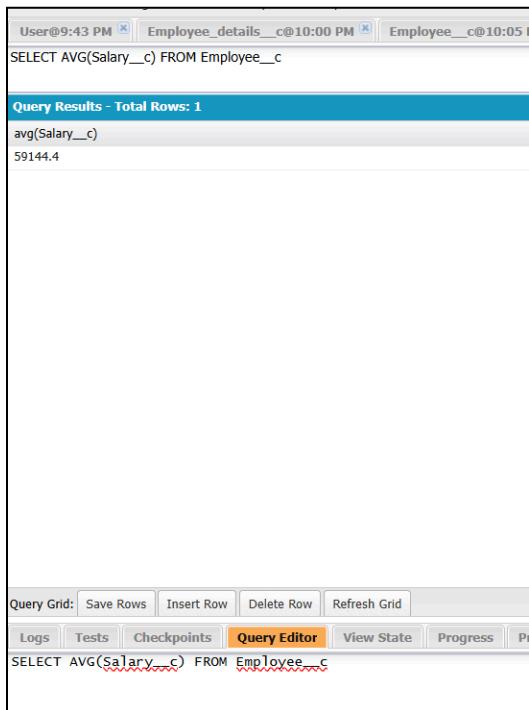
Logs Tests Checkpoints **Query Editor** View State Progress Problems

```
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 the Oracle Database Workbench interface. At the top, there are three tabs: 'User@9:43 PM' (selected), 'Employee_details_c@10:00 PM', and 'Employee_c@10:05'. Below the tabs, a query is entered in the SQL editor:

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

The results pane shows the output of the query:

Query Results - Total Rows: 1	
avg(Salary_c)	59144.4

At the bottom of the interface, there are several buttons: 'Query Grid', 'Save Rows', 'Insert Row', 'Delete Row', 'Refresh Grid', 'Logs', 'Tests', 'Checkpoints', 'Query Editor' (which is highlighted in orange), 'View State', 'Progress', and 'Print'.

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.

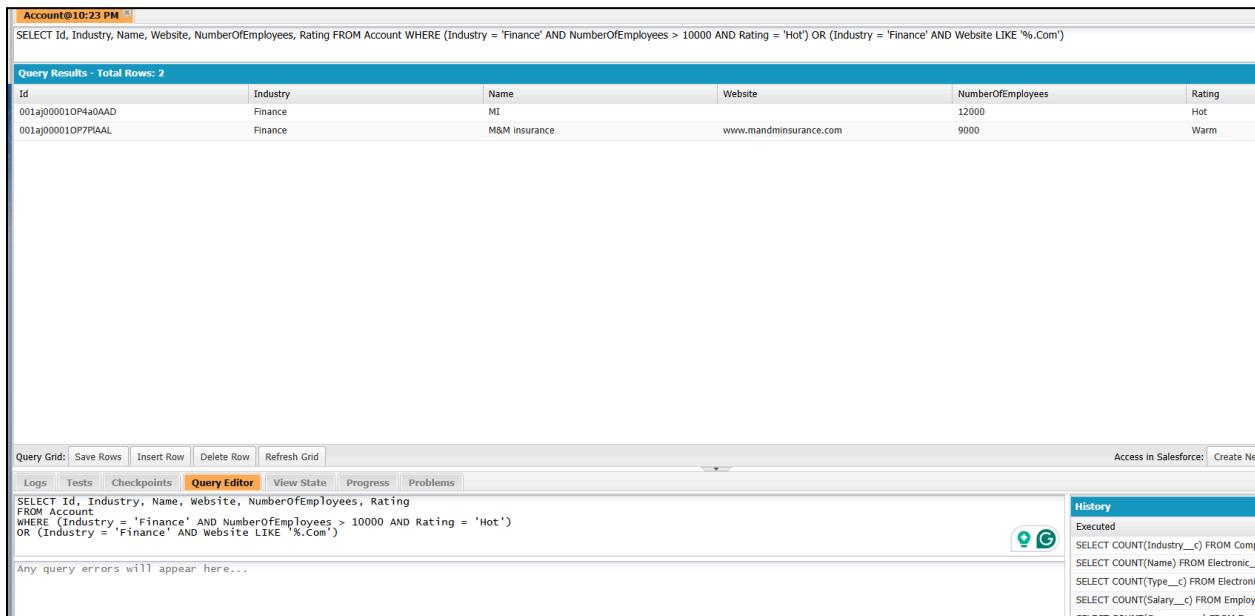
If this is not present, then at least give such records where the company website needs to have domain name ending with .Com(commercial companies) and industry is Finance.

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')



The screenshot shows the Salesforce Query Editor interface. At the top, there is a status bar with "Account@10:23 PM". Below it is a SQL query window containing the following code:

```
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')
```

Below the query window is a "Query Results - Total Rows: 2" table with the following data:

Id	Industry	Name	Website	NumberOfEmployees	Rating
001aj0000010P4a0AD	Finance	MI		12000	Hot
001aj0000010P7PAAL	Finance	M&M Insurance	www.mandminsurance.com	9000	Warm

At the bottom of the editor, there are tabs for Logs, Tests, Checkpoints, Query Editor (which is selected), View State, Progress, and Problems. The "History" section on the right shows the following executed queries:

- SELECT COUNT(Industry__c) FROM Com
- SELECT COUNT(Name) FROM Electronic_
- SELECT COUNT(Type__c) FROM Electroni
- 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"

BY: Gadewar.Shekhar@...

//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:

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

Student Vishal

✓ Student "Vishal" was created. X

Details	
Student Name	Vishal
Marks Percentage	
Teacher	
Age	31
Experience	9
Status	Selected

Created By Parjatha Kamuni, 2025-08-23, 12:55 a.m.

Last Modified By Parjatha Kamuni, 2025-08-23, 12:55 a.m.

Parker Pen App

Home Parker Pens Computers Electronic Products Employees Contacts Accounts Teachers Students

Student "jay" was created.

Related	Details
Student Name	jay
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';
            }
        }
    }
}

```

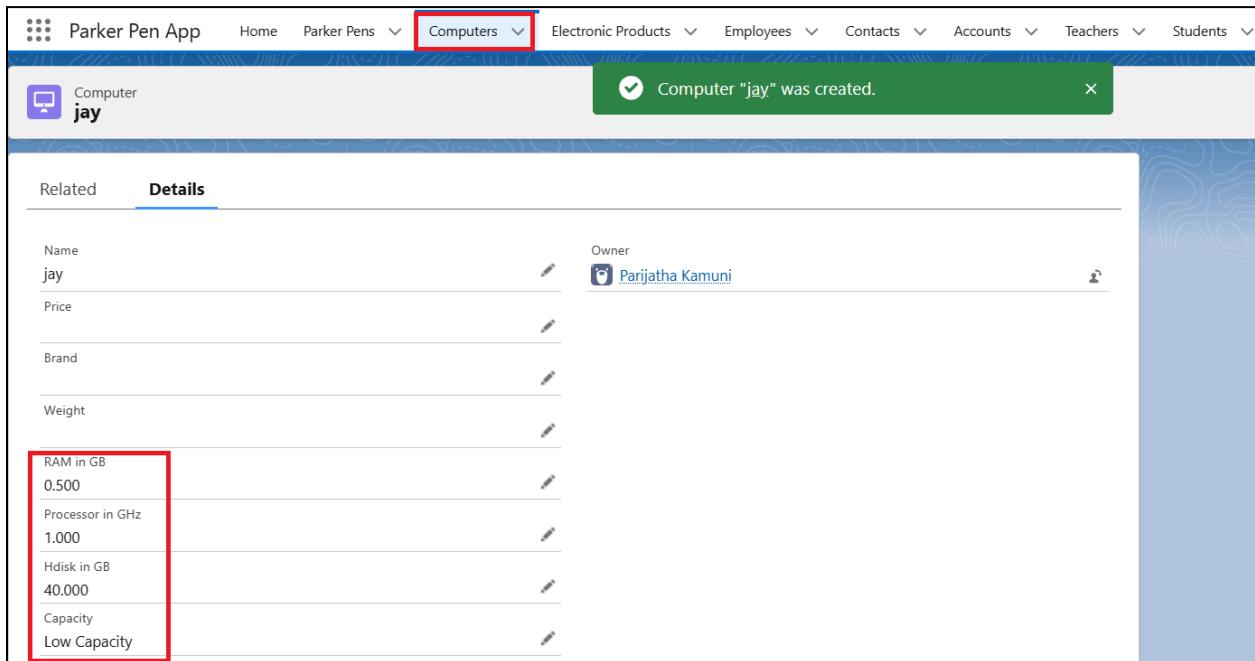
//Trigger

```

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

```

RESULT:



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

Computer "kiran" was created.

Name	Owner
kiran	Parijatha Kamuni
Price	
Brand	
Weight	
RAM in GB 2.000	
Processor in GHz 4.000	
Hdisk in GB 80.000	
Capacity	

Created By Last Modified By

Record Updated

Parker Pen App Home Parker Pens **Computers** Electronic Products Employees Contacts

Computer **jay Kishan**

Name	Owner
jay Kishan	Parijatha Kamuni
Price	
Brand	
Weight	
RAM in GB 1.000	
Processor in GHz 1.000	
Hdisk in GB 40.000	
Capacity Low Capacity	

Created By Last Modified By

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

The screenshot shows a mobile application interface for a 'Parker Pen App'. The top navigation bar includes links for Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, Teachers, Students, and a selected 'Mobiles' category. A green success message at the top right states 'Mobile "vishnu" was created.' The main content area displays a 'Details' card for a mobile phone named 'vishnu'. The card includes fields for Name (vishnu), Price (\$1,000), Brand (Samsung), Discount (5%), Discounted price (\$50.00), FinalPrice (\$950), and Created By (Parijatha Kamuni). The card also shows the last modified by user and time. The 'Details' tab is currently selected.

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

BRAND = Apple with 15% discount

The screenshot shows a mobile application interface for a 'Parker Pen App'. The top navigation bar includes links for Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, Teachers, Students, and a selected 'Mobiles' category. A red box highlights the 'Price' field in the 'Details' card for a mobile phone named 'hima'. The card includes fields for Name (hima), Price (\$2,000), Brand (Apple), Discount (15%), Discounted price (\$300.00), FinalPrice (\$1,700), and Created By (Parijatha Kamuni). The card also shows the last modified by user and time. The 'Details' tab is currently selected.

Name	hima
Price	\$2,000
Brand	Apple
Discount	15%
Discounted price	\$300.00
FinalPrice	\$1,700
Created By	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" was created.

Related Details

Name	jay	Owner	Parijatha Kamuni
Price	\$4,000		
Brand			
Discount			
Discounted price	\$0.00		
FinalPrice			
Created By	Parijatha Kamuni	Last Modified By	Parijatha Kamuni
	, 2025-08-23, 2:13 a.m.		, 2025-08-23, 2:13 a.m.

New

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'){
```

//Trigger

```
1trigger MobileTrigger on Mobile__c (before insert, before update) {  
2    if(Trigger.isbefore && (Trigger.isinsert== true || Trigger.isupdate==true)){  
3        MobileBusinessClass.applyDiscount(Trigger.new);  
4    }  
5}
```

RESULT:

New record insert brand = Samsung got 10% discount

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

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.

New record insert brand = Apple got a 20% discount

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

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.

Update record Brand = Samsung 5% discount

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

Mobile laya sree

Mobile "laya sree" was saved.

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	Last Modified By

Update record Brand = Apple 0 discount

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

Mobile shiva

Mobile "shiva" was saved.

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.