

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.

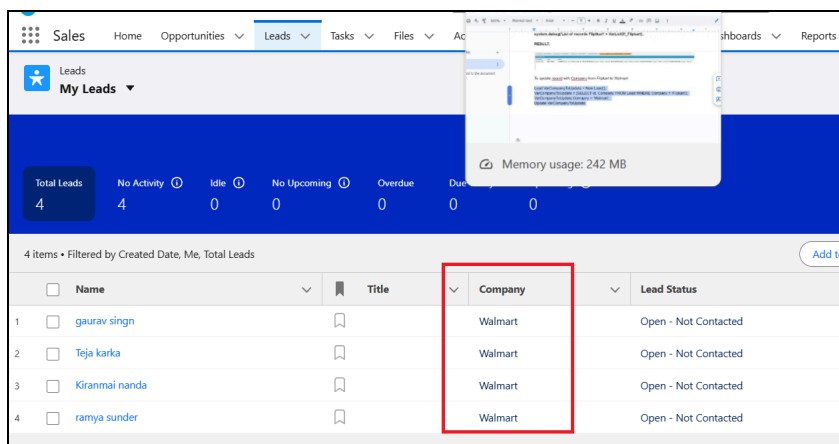
```
List<Lead> VarListOf_Flipkart = New List<Lead>();
VarListOf_Flipkart = [SELECT id, Company FROM Lead WHERE Company = 'Flipkart'];
system.debug('List of records Flipkart' + VarListOf_Flipkart);
```

RESULT:

Execution Log		
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

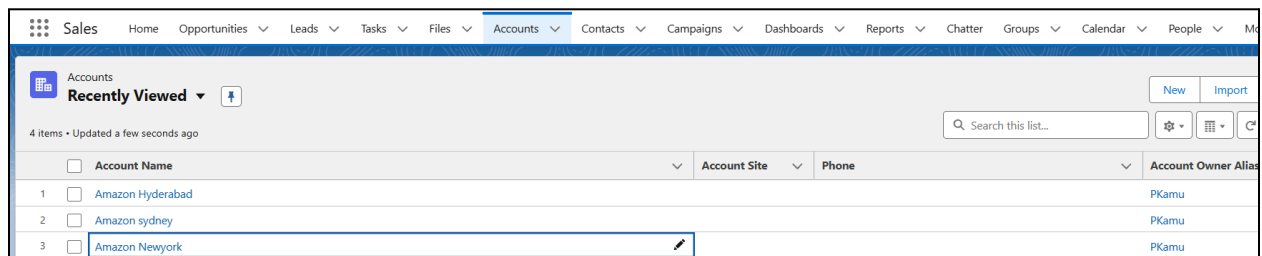
Supportive Point:

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 interface for the 'Accounts' object. The 'Recently Viewed' list contains three records. The first two records, 'Amazon Hyderabad' and 'Amazon sydney', have their 'Account Site' and 'Phone' fields highlighted in yellow. The third record, 'Amazon Newyork', has its 'Account Name' field highlighted in blue. The 'Account Owner Alias' for all three records is 'PKamu'.

	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	<input type="checkbox"/> Amazon Hyderabad					PKamu	www.amazon.com
2	<input type="checkbox"/> Amazon Newyork					PKamu	www.amazon.com
3	<input type="checkbox"/> 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;

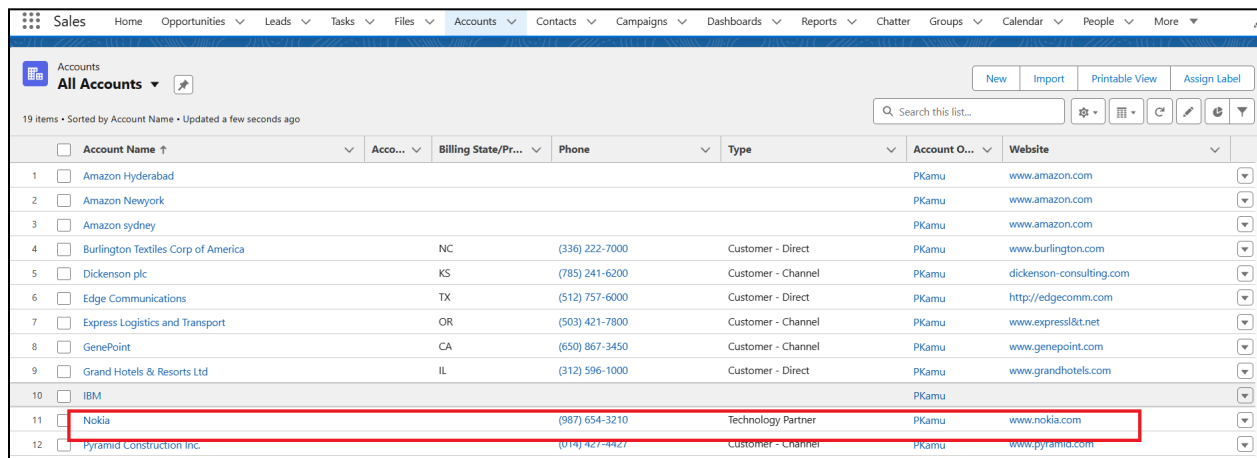
	Account Name ↑	Acco...	Billing State/Pr...	Phone	Type	Account O...	Website
1	<input type="checkbox"/> Amazon Hyderabad					PKamu	www.amazon.com
2	<input type="checkbox"/> Amazon Newyork					PKamu	www.amazon.com
3	<input type="checkbox"/> Amazon sydney					PKamu	www.amazon.com
4	<input type="checkbox"/>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

```



The screenshot shows the Salesforce Accounts list view. The table contains 12 accounts. The 'Nokia' account is highlighted with a red box.

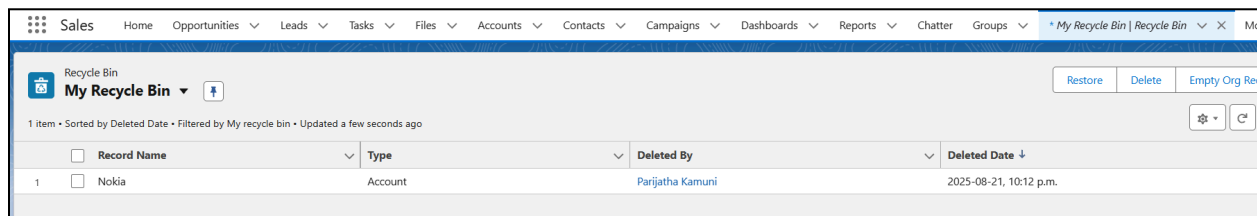
	Account Name	Account Type	Account Owner	Website
1	Amazon Hyderabad		PKamu	www.amazon.com
2	Amazon Newyork		PKamu	www.amazon.com
3	Amazon sydney		PKamu	www.amazon.com
4	Burlington Textiles Corp of America	Customer - Direct	PKamu	www.burlington.com
5	Dickenson plc	Customer - Channel	PKamu	dickenson-consulting.com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

DML Operation Delete

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

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

```
Delete VarDeleteAccount;
```



The screenshot shows the Salesforce Recycle Bin. It contains one item, 'Nokia', which was deleted by 'Parijatha Kamuni' on '2025-08-21, 10:12 p.m.'.

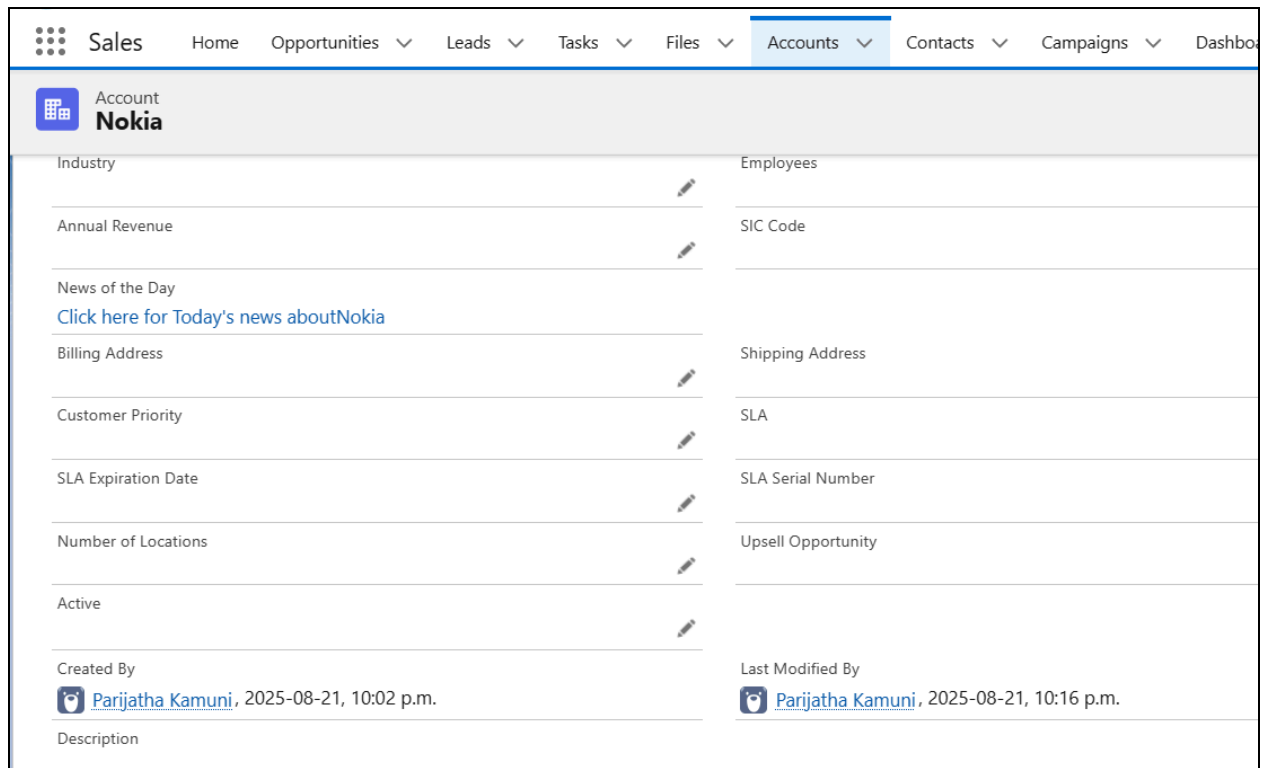
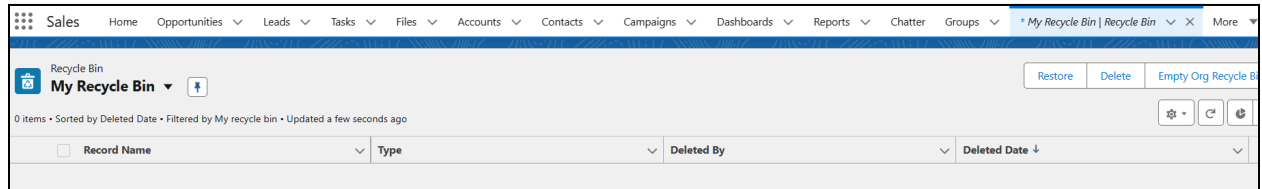
Record Name	Type	Deleted By	Deleted Date
Nokia	Account	Parijatha Kamuni	2025-08-21, 10:12 p.m.

DML Operation UnDelete

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

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

```
undelete VarUnDeleteAccount;
```



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);
```

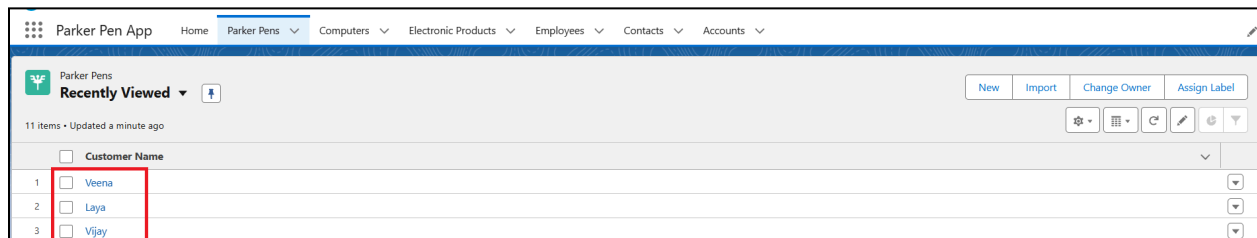
```
VarParkerPenCustomerCreate.add(VarRecord2);
```

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

// Insert multiple records at once

```
insert VarParkerPenCustomerCreate;
```

RESULT



	Customer Name	Price__c
1	Veena	400
2	Laya	400
3	Vijay	200

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

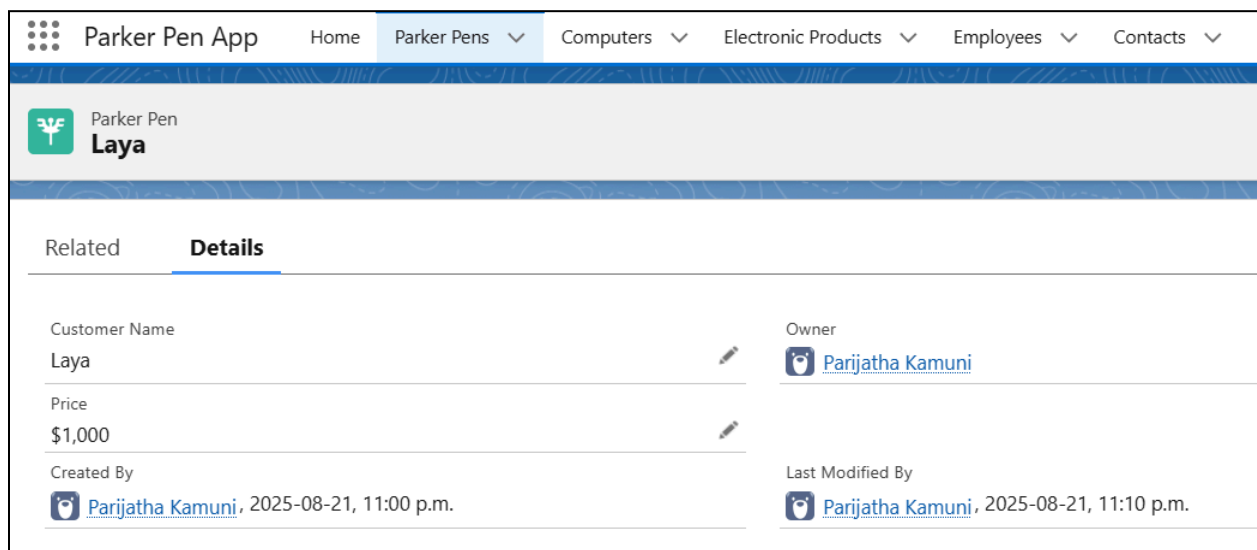
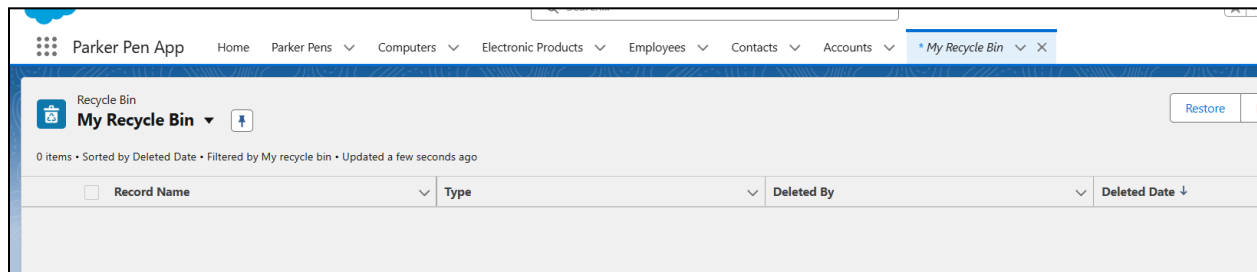
	Record Name	Type	Deleted By	Deleted Date
1	<input type="checkbox"/> Laya	Parker Pen	Parijatha Kamuni	2025-08-21, 11:09 p.m.

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.

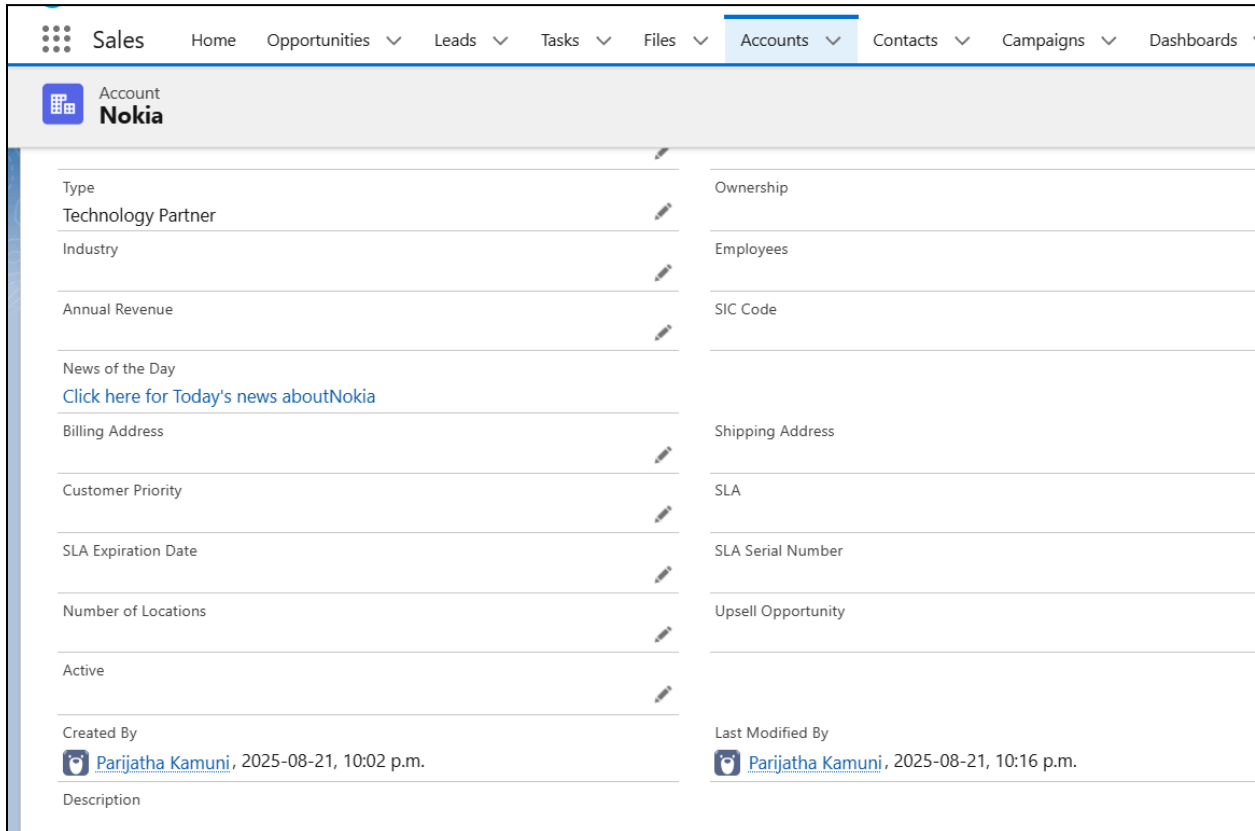
But manager wants only those companies where employee average count is less than 1000

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 is divided into two columns. The left column contains fields: 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 fields: 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.). Each field has a small edit icon to its right.

Type	Technology Partner	Ownership
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	Parijatha Kamuni, 2025-08-21, 10:02 p.m.	Last Modified By
		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 query editor window with three tabs: 'User@9:43 PM', 'Employee_details_c@10:00 PM', and 'Employee_c@10:05'. The active tab is 'Employee_c@10:05'. The query entered is 'SELECT AVG(Salary_c) FROM Employee_c'. Below the query, the results are displayed in a table with one row: 'avg(Salary_c)' with the value '59144.4'. The interface includes a 'Query Grid' with buttons for 'Save Rows', 'Insert Row', 'Delete Row', and 'Refresh Grid'. At the bottom, there are tabs for 'Logs', 'Tests', 'Checkpoints', 'Query Editor' (which is selected), 'View State', 'Progress', and 'Pi'. The query text 'SELECT AVG(Salary_c) FROM Employee_c' is visible at the bottom of the window.

Query Results - Total Rows: 1	
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
001aj000010P7PAAAL	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, there is a navigation bar with a grid icon and the text "Parker Pen App". Below this, a horizontal menu contains several items: Home, Parker Pens, Computers, Electronic Products, Employees, Contacts, Accounts, Teachers, and Students. The "Students" item is currently selected. A green notification banner at the top right states "Student 'Vishal' was created." with a close button. The main content area is divided into two tabs: "Related" and "Details". The "Details" tab is active, showing a form for a student record. The form includes fields for "Student Name" (Vishal), "Marks Percentage", "Teacher", "Age" (31), "Experience" (9), "Status" (Selected), "Created By" (Parijatha Kamuni, 2025-08-23, 12:55 a.m.), and "Last Modified By" (Parijatha Kamuni, 2025-08-23, 12:55 a.m.). The "Student Name" field and the "Age", "Experience", and "Status" fields are highlighted with red boxes.

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 navigation bar, there is a header section with a 'Computer' icon and the name '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

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudentsMobiles

Mobilejay

Mobile "jay" was created.

New

RelatedDetails

Namejay

Price\$4,000

Brand

Discount

Discounted price\$0.00

FinalPrice

OwnerParijatha Kamuni

Created ByParijatha Kamuni, 2025-08-23, 2:13 a.m.

Last Modified ByParijatha 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

Owner

Parijatha Kamuni

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

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudents

Mobile

Roja

Related

Details

Name

Roja

Owner

Parijatha Kamuni

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

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachersStudentsMobiles

Mobile

laya sree

Mobile "laya sree" was saved.

Related

Details

Name	laya sree	Owner	Parijatha Kamuni
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

HomeParker PensComputersElectronic ProductsEmployeesContactsAccountsTeachers

Mobile

shiva

Mobile "shiva" was saved.

Related

Details

Name	shiva	Owner	Parijatha Kamuni
Price	\$5,500		
Brand	Apple		
Discount	0%		
Discounted price	\$700.00		
FinalPrice			
Discount Status	Sorry, no discount available for Apple after season.		