

SF Dev Challenge (soql , APEX Triggers)

Challenge

UC #1: Create a **trigger** on **lead object** to prefix “Dear” to **First name** when a new lead is created or updated

UC #2 : Create a **trigger** on **lead object** to detect if duplicate lead is already exists , if yes throw an error

- Use email address to find if same lead already exists or not

UC #3 : Create a **Trigger** on **contract** object initiated when a **new contract** is created

- If “Remind me” check box is selected
- New Task should be created with the following details
 - subject: “Reminder to close new contract in 10 days !!!”
 - Status : Not started
 - Priority : ‘High’
 - Owner Id : Contract Owner Id
 - Close date: **Current date + 10**

Hint: Task tsk = new Task();

```
tsk.Subject = 'Checking lead Trigger !!!';
tsk.Status = 'Not Started';
tsk.Priority = 'Normal';
tsk.OwnerId = mylead.OwnerId;
insert tsk;
```

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UC #4: Create a **trigger** to count the **total number of contacts associated to an Account** whenever a Contact is,

- Inserted, Updated or Deleted related to the Account.
- Field `Total_Contacts_Count__c` should get updated with the latest count

Pre-requisite: Create a Number field with API name "`Total_Contacts_Count__c`" on Account.

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Challenge

UC #4: Write a SOQL query to get all open cases

- Get Contact name, Account name, Case name, Case Created date for all open cases

UC #5 : Write a SOQL query to get Name, Account Name, Account owner's profile name & Account owner's profile created by user name as below

Hint: Use workbench or VS code extension to run relationship queries

Number	Contact Name	Account Name	Account Owner Profile Name	Account Owner Profile Created By User Name
1	A Siva	3M - APAC	Custom: Sales Profile	Gajendra .
2	Andy Young	Dickenson plc	System Administrator	Gajendra .
3	Arthur Song	United Oil & Gas Corp.	System Administrator	Gajendra .
4	Ashley James	United Oil & Gas, UK	System Administrator	Gajendra .
5	Avi Green	United Oil & Gas Corp.	System Administrator	Gajendra .
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