

Triggers

A trigger refers to an Apex code that is automatically executed before or after certain events occur in the Salesforce platform, such as when a record is inserted, updated, deleted, or undeleted. Triggers are used to automate business processes, enforce data integrity, and perform custom logic on data.

A before trigger in Salesforce is executed before the records are actually inserted, updated, or deleted in the Salesforce database. This allows the trigger to perform certain actions or validations before the data is saved to the database.

➤ Write A Trigger

write a trigger whenever the school website is null you should be unable to delete the record.

Go to the gear icon and select the developer console.

From the menu bar click on file and select Apex class.

Now give the class name as schoolHandler

Now Write the below code

```
public class schoolHandler {  
  
    public static void beforeDelete(list<School__c> oldlist){  
  
        for(School__c s : oldlist){  
  
            if(s.Schoolwebsite__c == null ){  
  
                s.addError('you cannot delete the record');  
  
            }  
  
        }  
  
    }  
  
}
```

From the menu bar click on file and select Apex trigger.

Now give the trigger name as Internalmarks

Now write the below code

```
trigger SchoolTrigger on School__c (before delete) {  
  
    if(trigger.isDelete){  
  
        if(trigger.isBefore){  
  
            schoolHandler.beforeDelete(trigger.old);  
  
        }  
  
    }  
  
}
```

Flows

Record-triggered flows are a powerful automation tool in Salesforce that can streamline business processes, reduce manual work, and improve productivity. They can be used to automate a wide range of tasks, from simple to complex, and can be tailored to meet the unique needs of your organization.

Create Flow

Create a record triggered flow whenever a student record is created it must send the email to the student about their welcome.

Click on Gear icon and select setup

In Quick find Box enter flow and select the flows

Click on New flow and Select Record triggered Flows.

The screenshot shows the Salesforce Setup interface. In the top left, the search bar is highlighted with a red box and labeled '1'. In the left sidebar, the 'Flows' link under 'Process Automation' is highlighted with a red box and labeled '2'. In the top right corner, the 'New Flow' button is highlighted with a red box and labeled '3'. The main content area displays a list of flow definitions with columns for Flow Label, Process Type, Activation, Telemetry, Package State, Package, Last Modified By, and Last Modified Date.

New Flow

The 'New Flow' dialog box is shown with the 'Core' tab selected. It displays several flow templates: Screen Flow, Record-Triggered Flow (highlighted with a red box), Schedule-Triggered Flow, Platform Event—Triggered Flow, Autolaunched Flow (No Trigger), and Record-Triggered Orchestration. A 'Create' button is located at the bottom right.

In the search bar type student and click done.

The 'Configure Start' dialog box is shown. It has three sections: 'Select Object' with a search bar labeled 'Search objects...' (highlighted with a red box), 'Configure Trigger' with radio buttons for 'A record is created', 'A record is updated', 'A record is created or updated', and 'A record is deleted', and 'Set Entry Conditions'. The 'Done' button at the bottom right is highlighted with a red box.

Select (+)

type action and type email as follows.

Filter By

Category

All

Users

Commerce

Group

Work Plans

Work Steps

Notifications

Sales leads

Action

email

Send Email

emailSimple-emailSimple

Lights, camera, action!

Select an action to configure.

Cancel

Done

Enter the following details

Label:Student Record Creation

Api Name:Student_Record_Creation(Auto-pupulated)

Body: Hi {!\$Record.Name} , we are happy to inform you that you have joined in our
{!\$Record.school__r.Name}.Subject: Record Creation

Recipient email Address:{!\$Record.Email__c}

Filter By

Category

All

Users

Commerce

Group

Work Plans

Work Steps

Notifications

Sales leads

Action

Send Email

Use values from earlier in the flow to set the inputs for the "Send Email" core action. To use its outputs later in the flow, store them in variables.

Label

API Name

Description

Set Input Values

Aa

Body

Cancel

Done

click on done and Click on save

Flow label:Student flow

Flow API Name:Student_flow

and then click Activate.

The end

