Introduction

- We can perform custom operations before or after events to records.
- Use triggers to do operations that cannot be done by point and click tools provided in Salesforce.
- We can do things using triggers that we can do through Apex, including execution SOQL and DML or calling custom methods.
- Triggers can be created for both Standard and Custom objects.
- By default triggers are active as you create them.

Types of Triggers

- Before Triggers
  - It is used to update or validate record values before saved to database.
- After Triggers
  - It is used to access field values that are set by the system such as Ids, and to make changes in the other records. The records that fire the after trigger are read-only.

Trigger Context Variables

- old
  - Returns a list of old versions of sObject records.
  - Available in before update, after update, before delete, after delete triggers.
- oldMap
  - A map of ids to the old versions of sObject records.
  - Available in before update, after update, before delete, after delete triggers.

```apex
1  public class AccountTriggerHandler {
2      public static void beforeInsert(List<Account> newList){
3          for(Account acc : newList){  I
4          acc.Description = 'Test Description';
5      }
6
7      }
8  }
```

M Inbox - sanjaygupta.techchot... × | Test Trigger 2 | Salesforce × | Account | Salesforce × | Contact | Salesforce × Developer Console × +

← → C 🔒 sanjaygupta-techschool-dev-ed.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

Apps Hacks My Drive - Google...

File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ ‹ ›

AccountTrigger.apxt ×   **AccountTriggerHandler.apxc** ×

Code Coverage: None ▾   API Version: 48 ▾   Go To

```
1 ▾ public class AccountTriggerHandler {
2 ▾     public static void beforeInsert(List<Account> newList){
3 ▾         for(Account acc : newList){
4             acc.Description = 'Test Description';
5         }
6     }
7 }
```