trigger CountContactOnAccount on Contact (after INSERT, after UPDATE, after DELETE ) {

Set <Id> accountIds = new Set <Id>();

List <Account> lstAccountsToUpdate = new List <Account>();

if(Trigger.isInsert){

for(Contact con:trigger.new){

accountIds.add(con.accountID);

}

}

if(Trigger.isUpdate|| Trigger.isDelete){

for(Contact con:trigger.old){

accountIds.add(con.accountID);

}

}

for(Account acc:[SELECT Id,Name,NumberOfContacts\_\_c ,(Select Id from Contacts) from Account where Id IN: accountIds]){

Account accObj = new Account ();

accObj.Id = acc.Id;

accObj.NumberOfContacts\_\_c = acc.Contacts.size();

lstAccountsToUpdate.add(accObj);

}

UPDATE lstAccountsToUpdate;

}