

```
|  
if(trigger.isinsert && trigger.isafter){  
    ContactTriggerHandler.populateaccfield(Trigger.new,null);  
  
}  
if(trigger.isupdate && trigger.isafter){  
    ContactTriggerHandler.populateaccfield(Trigger.new,trigger.oldmap);  
  
}  
if(trigger.isdelete && trigger.isafter){  
    ContactTriggerHandler.populateaccfield(trigger.old,null);  
  
}  
if(trigger.isundelete && trigger.isafter){  
    ContactTriggerHandler.populateaccfield(trigger.new,null);  
  
}
```

```

public static void populateaccfield(list<contact> conlist, map<id,contact> oldmap)
{
    set<id> accids= new set<id>();
    for(contact con : conlist){
        if(oldmap==null){
            accids.add(con.accountid);
        }
        else if(oldmap!=null)
        {
            accids.add(con.accountid);
            contact oldcontact= oldmap.get(con.id);
            accids.add(oldcontact.AccountId);
        }
    }

    list<account> acclist=[select id ,NumberOfContacts__c, (select id from contacts) from account where id in : accids];
    list<account> updateaccounts= new list<account> ();
    if(acclist.size()>0)
    {
        for(account acc: acclist)
        {
            acc.NumberOfContacts__c =acc.contacts.size();
            updateaccounts.add(acc);
        }
    }

    if(updateaccounts.size()>0)
    {
        update updateaccounts;
    }
}

```