15. Write a trigger to create contact related to account with Same phone as account phone when an Create Contact checkbox is checked in Account record page.

Object: Account

```
Trigger AccountTrigger on Account (After insert,After Update)

{
    if (trigger.isAfter && trigger.isInsert)
    {
        AccountTriggerHandler.handleAfterInsert(trigger.new);
    }
    if (trigger.isAfter && Trigger.isUpdate)
    {

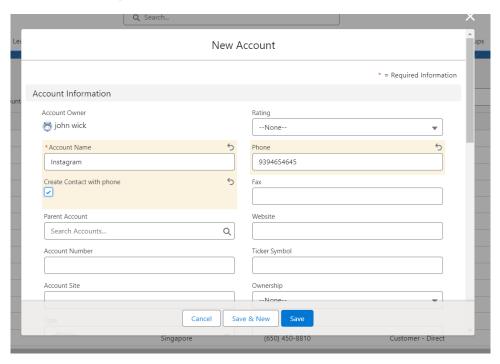
AccountTriggerHandler.handleAfterUpdate(trigger.new,Trigger.Oldmap);
    }
}
```

SWIPE THE PAGE TO SEE HANDLER CLASS......

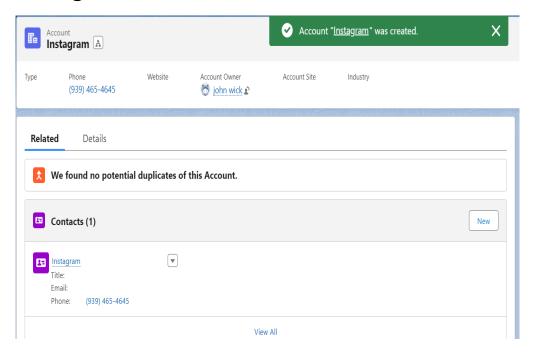
```
Public class AccountTriggerHandler
{
Public static void handleAfterInsert(List<Account> updatedAccounts)
 {
       List<Contact> newContacts = new List<Contact> ();
       for (Account acc: updatedAccounts)
       {
              if (acc.Create_Contact_with_phone__c && acc.Phone!=null)
               Contact con = new Contact ();
               con.LastName = acc.Name;
               con.AccountId = acc.Id;
               con.Phone = acc.Phone;
               newContacts.add(con);
              }
       }
       if (!newContacts.isEmpty())
       {
        insert newContacts;
       }
 }
```

RESULT....

Before Inserting....



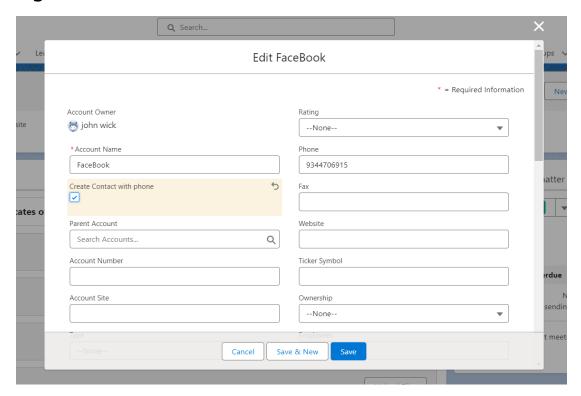
After Inserting....



Public static void

```
handleAfterUpdate(list<Account>Acclist,Map<id,Account>Oldmap)
  {
    list<Contact>Conlist = new list<Contact> ();
    for (Account A:Acclist)
    {
if(A.Create\_Contact\_with\_phone\_\_c!=Oldmap.get(A.id).Create\_Contact\_with\_phone
e_c && A.Phone!=null)
      {
        Contact con = new Contact();
        con.LastName = A.Name;
        con.AccountId = A.Id;
        con.Phone = A.Phone;
        Conlist.add(con);
      }
    }
    if (!Conlist.isEmpty())
   {
    insert Conlist;
   }
}
```

Updating the Account....



After Updating.....

