

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....

Search...

New Account

* = Required Information

Account Information

Account Owner: John wick

Rating: --None--

* Account Name: Instagram

Phone: 9394654645

Create Contact with phone: ☒

Fax:

Parent Account: Search Accounts...

Website:

Account Number:

Ticker Symbol:

Account Site:

Ownership: --None--

Cancel Save & New Save

Type: Account

Singapore (650) 450-8810 Customer - Direct

After Inserting....

Account

Instagram

Account "Instagram" was created.

Type: Account

Phone: (939) 465-4645

Website:

Account Owner: John wick

Account Site:

Industry:

Related Details

We found no potential duplicates of this Account.

Contacts (1) New

Instagram

Title:

Email:

Phone: (939) 465-4645

View All

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__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....

The screenshot shows a modal window titled "Edit FaceBook" with a search bar at the top. The form contains the following fields:

- Account Owner:** john wick (with a user icon)
- Rating:** --None-- (dropdown menu)
- * Account Name:** FaceBook (text input)
- Phone:** 9344706915 (text input)
- Create Contact with phone:** ☒ (checkbox)
- Fax:** (empty text input)
- Parent Account:** Search Accounts... (text input with search icon)
- Website:** (empty text input)
- Account Number:** (empty text input)
- Ticker Symbol:** (empty text input)
- Account Site:** (empty text input)
- Ownership:** --None-- (dropdown menu)

At the bottom of the dialog are three buttons: "Cancel", "Save & New", and "Save". A legend in the top right corner indicates that an asterisk (*) denotes required information.

After Updating.....

The screenshot shows the account record for "FaceBook" in a CRM system. A green notification banner at the top states: "Account 'FaceBook' was saved." The record header includes the account name "FaceBook" and a user icon. Below the header is a table with the following columns and data:

Type	Phone	Website	Account Owner	Account Site	Industry
	(934) 470-6915		john wick		

Below the table, there are two tabs: "Related" and "Details". The "Related" tab is active and shows a message: "We found no potential duplicates of this Account." Below this message, there is a section titled "Contacts (1)" with a "New" button. Under "Contacts (1)", there is a contact entry for "FaceBook" with the following details:

- Title:
- Email:
- Phone: (934) 470-6915

At the bottom of the page, there is a "View All" link.