

16. Write a trigger to update Total Opportunity Amount associated with account when an opportunity is “Inserted”

Object: Opportunity

```
Trigger OpportunityTrigger on Opportunity (After insert)
{
    if (trigger.isAfter && trigger.isUpdate)
    {
        OpportunityTriggerHandler.handleAfterUpdate(trigger.New,
        trigger.Oldmap);
    }
}
```

SWIPE THE PAGE TO SEE HANDLER CLASS....



```
Public class OpportunityTriggerHandler
```

```
{
```

```
    Public static void handleAfterInsert(List<Opportunity> Opplist)
```

```
    {
```

```
        Set<Id> accIds = new Set<Id> ();
```

```
        for (Opportunity O: Opplist)
```

```
        {
```

```
            if (O.AccountId != null)
```

```
            {
```

```
                accIds.add(O.AccountId);
```

```
            }
```

```
        }
```

```
        List<AggregateResult> aggr = [SELECT AccountId, SUM(Amount)
totalAmount FROM Opportunity WHERE AccountId IN :accIds GROUP BY
AccountId];
```

```
        List<Account> accToUpdate = new List<Account>();
```

```
        for (AggregateResult a: aggr)
```

```
        {
```

```
            Account acc = new Account ();
```

```
            acc.Id = (Id) a.get('AccountId');
```

```
            acc.Total_Opportunity_Amount__c = (Decimal) a.get('totalAmount');
```

```
            accToUpdate.add(acc);
```

```
        }
```

```
        if (!accToUpdate.isEmpty())
```

```

{
    update accToUpdate;
}
}

```

RESULT:

Inserting New Opportunity to an Account.... (RCB)

New Opportunity

* = Required Information

Opportunity Information

Opportunity Owner

Sitharthan V

Private

☐

* Opportunity Name

EE Sala Cup Namde

Account Name

IPL

Type

--None--

Lead Source

--None--

Amount

₹10,000.00

* Close Date

29/03/2024

Next Step

* Stage

Needs Analysis

Probability (%)

20%

Primary Campaign Source

Search Campaigns

Cancel

Save & New

Save

Additional Information

After Inserting....

<div>Account IPL</div>					
Type	Phone	Website	Account Owner	Account Site	Industry
Installation Partner			Sitharthan V		Communications

Related

Details

Account Owner	Rating
Sitharthan V	Hot
Account Name	Phone
IPL	
Total Opportunity Amount	Fax
10,000	