

32. Write a trigger to send an email to the Opportunity record owner when record is inserted or updated and has amount greater than 10,000.

**Object :** Opportunity

```
Trigger OpportunityTriggers on Opportunity (After Update,After Insert)
{
    if(Trigger.isAfter)
    {
        if(Trigger.isInsert)
        {
            OpportunityTriggerHandler.handleAfterInset(Trigger.New);
        }

        if(Trigger.isUpdate)
        {
            OpportunityTriggerHandler.handleAfterUpdate(Trigger.new,
Trigger.Oldmap);
        }
    }
}
```

Swipe the page to see handler class...



```

public class OpportunityTriggerHandler
{
    public static void handleAfterInset(list<Opportunity>Opplist)
    {
        set<Id>OwnerId = new set<Id>();
        List<Messaging.SingleEmailMessage>Emails = new
list<Messaging.SingleEmailMessage>();

        if(!Opplist.isEmpty())
        {
            for(Opportunity O : Opplist)
            {
                if(O.Amount != null && O.Amount >= 10000)
                {
                    OwnerId.add(O.OwnerId);
                }
            }
        }

        if(!OwnerId.isEmpty())
        {
            List<User>Userlist = [select id,Name,Email from User where Id IN:OwnerId];

            list<string>Emailists = new List<String>();
            list<string>OwnerName = new List<String>();

            if(!Userlist.isEmpty())
            {
                for(User U :Userlist)
                {
                    Emailists.add(U.Email);
                    OwnerName.add(U.Name);
                }

                for(Opportunity Opp : Opplist)
                {
                    Messaging.SingleEmailMessage email = new
Messaging.SingleEmailMessage();
                    email.setToAddresses(Emailists);
                    email.setSubject('Amount Greater Than 10,000');
                    email.setPlainTextBody('Dear,'+OwnerName+'\n\n'+
'The Opportunity'+ ' '+Opp.Name+' has Amount Greater than
$10,000');
                    Emails.add(email);
                }
            }

            if(!Emails.isEmpty())
            {

```

## Result:

Amount Greater Than 10,000 Inbox x

 **Sitharthan V** via [7bv1qb2jtxiqoqn.67p35.it-2onyt2ag.ap49.bnc.salesforce.com](mailto:7bv1qb2jtxiqoqn.67p35.it-2onyt2ag.ap49.bnc.salesforce.com) 2:17 PM (0 minutes ago) ☆ 😊

to me ▾

Dear, (Sitharthan V)

The Opportunity Salesforce Opportunity has Amount Greater than \$10,000

```

public static void
handleAfterUpdate(list<Opportunity>Opplist,Map<id,Opportunity>Oldmap)
{
    set<Id>OwnerId = new set<Id>();
    List<Messaging.SingleEmailMessage>Emails = new
list<Messaging.SingleEmailMessage>();

    for(Opportunity O :Opplist)
    {
        if(O.Amount != null && O.Amount != Oldmap.get(O.Id).Amount &&
O.Amount >= 10000)
        {
            OwnerId.add(O.OwnerId);
        }
    }

    if(!OwnerId.isEmpty())
    {
        List<User>Userlist = [select id,Name,Email from User where Id IN:OwnerId];
        list<string>Emailists = new List<String>();
        list<string>OwnerName = new List<String>();

        if(!Userlist.isEmpty())
        {
            for(User U :Userlist)
            {
                Emailists.add(U.Email);
                OwnerName.add(U.Name);
                system.debug('In Email And Names');
            }

            for(Opportunity Opp : Opplist)
            {
                Messaging.SingleEmailMessage email = new
Messaging.SingleEmailMessage();
                email.setToAddresses(Emailists);
                email.setSubject('Amount Greater Than 10,000');
                email.setPlainTextBody('Dear,'+OwnerName+'\n\n'+
'The Opportunity'+ ' '+Opp.Name+' has Amount Greater than or Equal
to $10,000 ');
                Emails.add(email);
                system.debug('Mail Added in Lists');
            }

            if(!Emails.isEmpty())
            {
                Messaging.sendEmail(Emails);
                system.debug('Email Sent');
            }
        }
    }
}


```

}  
}  
}

Result:

### Edit Edge Installation

Opportunity Owner

 Sitharthan V


Private

☐

\* Opportunity Name

Edge Installation

Account Name

 Edge Communications

×

Type

Existing Customer - Upgrade

Lead Source

Word of mouth

Amount

₹40,000.00

Expected Revenue

₹50,000.00

\* Close Date

29/01/2024

Next Step

\* Stage

Closed Won

Probability (%)

100%

Primary Campaign Source

Cancel

Save & New

Save

Amount Greater Than 10,000 Inbox x



 **Sitharthan V** via y1elx2yzxmtjv3n2.obvoe.it-2onyt2ag.ap49.bnc.salesforce.com  
to me ▾

Dear,(Sitharthan V)

The Opportunity Edge Installation has Amount Greater than or Equal to \$10,000

2:19 PM (0 minutes ago) ☆ 😊 ↩ ⋮