

1. Write a Trigger and Testclass for the following for the following trigger when an account is inserted with Industry 'Energy' or 'Media' then populate rating as 'Hot'and write the testclass for code coverage.

Object : Account

```
Trigger AccountTrigger on Account (Before Insert)
{
    if(Trigger.isBefore && Trigger.isInsert)
    {
        AccountTriggerHandler.handleBeforeInsert(Trigger.New);
    }
}
```

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



```
Public class AccountTriggerHandler
```

```
{
```

```
    Public static void handleBeforeInsert(list<account>Acclist)
```

```
    {
```

```
        for(Account A : Acclist)
```

```
        {
```

```
            if(A.Industry == 'Media' || A.Industry=='Energy')
```

```
            {
```

```
                A.Rating = 'Hot';
```

```
            }
```

```
        }
```

```
    }
```

```
}
```

RESULT:

New Account

* = Required Information

Account Information

Account Owner

 yam ramesh

Rating

--None--

* Account Name

TestAccount

Phone

Industry

Energy

Fax

Parent Account

Search Accounts...

Website

Account Number

Ticker Symbol

Account Site

Ownership



--None--

Type

Cancel

Save & New

Save

Account					
TestAccount					
Type	Phone	Website	Account Owner	Account Site	Industry
			 yam ramesh		Energy
Related <u>Details</u>					
Account Owner			Rating		
 yam ramesh			Hot		
Account Name			Phone		
TestAccount					
Industry			Fax		
Energy					

TEST CLASS:

@isTest

Public class AccountTriggerTest

{

 @isTest

 public static void handleBeforeInsertTest()
 {

 Account A = new Account();
 A.Name = 'Test';
 A.Industry = 'Media';

 Test.startTest();
 insert A;
 Test.stopTest();

 list<account>accs = [select id,Rating from Account where Name = 'Test'];
 system.assertEquals(1,accs.size());

 for(Account Ant:accs)
 {
 system.assertEquals('Hot',Ant.Rating);
 }

 }

}

RESULT:

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AccountTriggerHandler.apxc AccountTrigger.apxt AccountTriggerTest.apxc

Code Coverage: AccountTriggerTest.handleBeforeInsertTest 100% API Version: 60 Go To

```
1 Public class AccountTriggerHandler
2 {
3     Public static void handleBeforeInsert(list<account>Acclist)
4     {
5         for(Account A : Acclist)
6         {
7             if(A.Industry == 'Media' || A.Industry=='Energy')
8             {
9                 A.Rating = 'Hot';
10            }
11        }
12    }
13 }
14 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Status	Test Run	Enqueued Time	Duration	Failures	Total
✖	TestRun @ 11:30:49 am			1	1
✖	TestRun @ 11:31:37 am			1	1
✔	TestRun @ 11:33:41 am			0	1
✔	AccountTriggerTest			0	1
	handleBeforeInsertTest		0:00		

Overall Code Coverage		
Class	Percent	Lines
Overall	100%	
AccountTrigger	100%	2/2
AccountTriggerHandler	100%	5/5

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AccountTriggerHandler.apxc AccountTrigger.apxt AccountTriggerTest.apxc

Code Coverage: All Tests 100% API Version: 60 G

```
1 Trigger AccountTrigger on Account (Before Insert)
2 {
3     if(Trigger.isBefore && Trigger.isInsert)
4     {
5         AccountTriggerHandler.handleBeforeInsert(Trigger.New);
6     }
7 }
```

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Status	Test Run	Enqueued Time	Duration	Failures	Total
✖	TestRun @ 11:30:49 am			1	1
✖	TestRun @ 11:31:37 am			1	1
✔	TestRun @ 11:33:41 am			0	1
✔	AccountTriggerTest			0	1
	handleBeforeInsertTest		0:00		

Overall Code Coverage		
Class	Percent	Line
Overall	100%	
AccountTrigger	100%	2/2
AccountTriggerHandler	100%	5/5