

Test apex triggers

RestrictContactByName:-

trigger RestrictContactByName on Contact (before insert, before update) {

//check contacts prior to insert or update for invalid data

For (Contact c : Trigger.New) {

if(c.LastName == 'INVALIDNAME') { //invalidname is invalid

c.AddError('The Last Name "'+c.LastName+'" is not allowed for DML');

}

}

TestRestrictContactByName Code: -

@isTest

public class TestRestrictContactByName {

 @isTest static void Test_insertupdateContact(){

 Contact cnt = new Contact();

 cnt.LastName = 'INVALIDNAME';

 Test.startTest();

 Database.SaveResult result = Database.insert(cnt, false);

 Test.stopTest();

 System.assert(!result.isSuccess());

```
System.assert(result.getErrors().size() > 0);
```

```
System.assertEquals("The Last Name \"INVALIDNAME\" is not allowed for  
DML', result.getErrors()[0].getMessage());
```

```
}
```

```
}
```