@isTest

private class TestRestrictContactByName {

@isTest static void TestLastNameInvalidInsert() {

Contact con = new Contact(LastName='INVALIDNAME');

Test.startTest();

Database.SaveResult result = Database.insert(con, 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());

}

@isTest static void TestLastNameInvalidUpdate() {

Contact con = new Contact(LastName='Valid');

insert con;

con.LastName = 'INVALIDNAME';

Test.startTest();

Database.SaveResult result = Database.update(con, 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());

}

}