```
AccountProcessorTest.apxc:
@IsTest
private class AccountProcessorTest{
@IsTest
private static void testCountContacts(){
Account newAccount = new Account(Name = 'Test Account');
insert newAccount;
Contact newContact1 = new Contact(FirstName='John',
LastName='Doe', AccountId = newAccount.id);
insert newContact1;
Contact newContact2 = new Contact(FirstName='Jane',
LastName='Doe', AccountId = newAccount.id);
insert newContact2;
List<Id> accountIds = new List<Id>();
accountIds.add(newAccount.Id);
Test.startTest();
AccountProcessor.countContacts(accountIds);
Test.stopTest();
```

}