

ASYNCHRONOUS APEX

USE BACTH APEX

```
public class LeadProcessor implements Database.Batchable<sObject> {

    public Database.QueryLocator start(Database.BatchableContext bc) {

        return Database.getQueryLocator([Select LeadSource From Lead ]);
    }

    public void execute(Database.BatchableContext bc, List<Lead> leads){

        for (Lead Lead : leads) {

            lead.LeadSource = 'Dreamforce';

        }

        update leads;

    }

    public void finish(Database.BatchableContext bc){

    }

}
```

test class//

@isTest

```
public class LeadProcessorTest {
```

@testSetup

static void setup() {

List<Lead> leads = new List<Lead>();

for(Integer counter=0 ;counter <200;counter++){

Lead lead = new Lead();

lead.FirstName ='FirstName';

lead.LastName ='LastName'+counter;

[lead.Company](#) ='demo'+counter;

leads.add(lead);

}

insert leads;

}

@isTest static void test() {

Test.startTest();

LeadProcessor leadProcessor = new LeadProcessor();

Id batchId = Database.executeBatch(leadProcessor);

Test.stopTest();

}

}