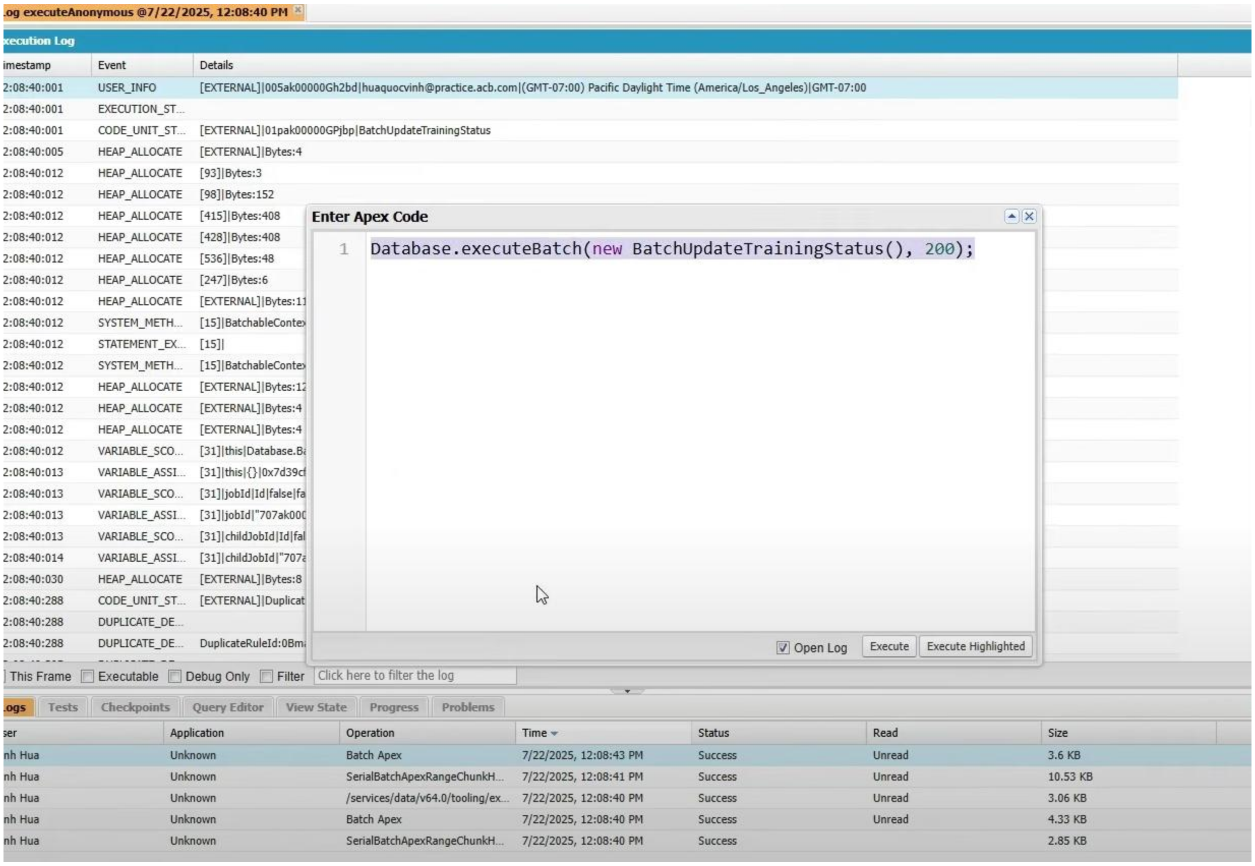
Phase 6 – User Interface Development



.og executeAnonymous @7/22/2025, 12:08:40 PM

xecution Log

imestamp	Event	Details
2:08:40:001	USER_INFO	[EXTERNAL]|005ak00000Gh2bd|huaquocvinh@practice.acb.com|(GMT-07:00) Pacific Daylight Time (America/Los_Angeles)|GMT-07:00
2:08:40:001	EXECUTION_ST...	
2:08:40:001	CODE_UNIT_ST...	[EXTERNAL]|01pak00000GPjbp|BatchUpdateTrainingStatus
2:08:40:005	HEAP_ALLOCATE	[EXTERNAL]|Bytes:4
2:08:40:012	HEAP_ALLOCATE	[93]|Bytes:3
2:08:40:012	HEAP_ALLOCATE	[98]|Bytes:152
2:08:40:012	HEAP_ALLOCATE	[415]|Bytes:408
2:08:40:012	HEAP_ALLOCATE	[428]|Bytes:408
2:08:40:012	HEAP_ALLOCATE	[536]|Bytes:48
2:08:40:012	HEAP_ALLOCATE	[247]|Bytes:6
2:08:40:012	HEAP_ALLOCATE	[EXTERNAL]|Bytes:11
2:08:40:012	SYSTEM_METH...	[15]|BatchableContex
2:08:40:012	STATEMENT_EX...	[15]|
2:08:40:012	SYSTEM_METH...	[15]|BatchableContex
2:08:40:012	HEAP_ALLOCATE	[EXTERNAL]|Bytes:12
2:08:40:012	HEAP_ALLOCATE	[EXTERNAL]|Bytes:4
2:08:40:012	HEAP_ALLOCATE	[EXTERNAL]|Bytes:4
2:08:40:012	VARIABLE_SCO...	[31]|this|Database.Ba
2:08:40:013	VARIABLE_ASSI...	[31]|this|{}|0x7d39cf
2:08:40:013	VARIABLE_SCO...	[31]|jobId|Id|false|fa
2:08:40:013	VARIABLE_ASSI...	[31]|jobId|"707ak000
2:08:40:013	VARIABLE_SCO...	[31]|childJobId|Id|fal
2:08:40:014	VARIABLE_ASSI...	[31]|childJobId|"707a
2:08:40:030	HEAP_ALLOCATE	[EXTERNAL]|Bytes:8
2:08:40:288	CODE_UNIT_ST...	[EXTERNAL]|Duplicat
2:08:40:288	DUPLICATE_DE...	
2:08:40:288	DUPLICATE_DE...	DuplicateRuleId:0Bm

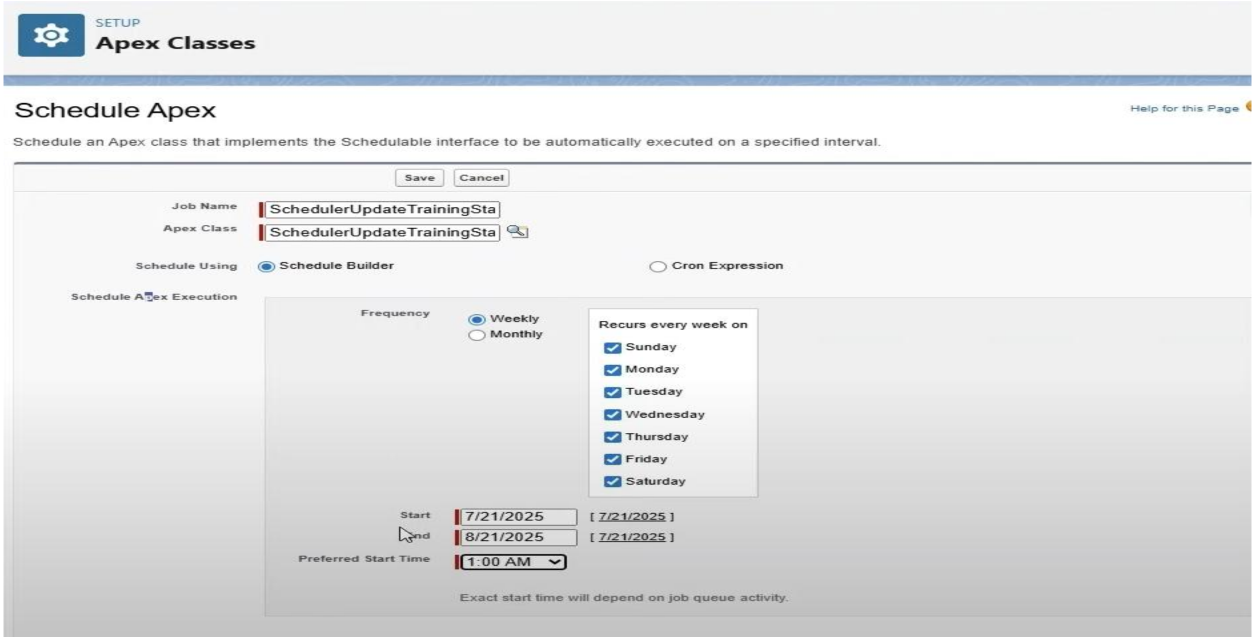
Enter Apex Code

```
Database.executeBatch(new BatchUpdateTrainingStatus(), 200);
```

☑ Open Log Execute Execute Highlighted

This Frame ☐ Executable ☐ Debug Only ☐ Filter Click here to filter the log

ser	Application	Operation	Time	Status	Read	Size
nh Hua	Unknown	Batch Apex	7/22/2025, 12:08:43 PM	Success	Unread	3.6 KB
nh Hua	Unknown	SerialBatchApexRangeChunkH...	7/22/2025, 12:08:41 PM	Success	Unread	10.53 KB
nh Hua	Unknown	/services/data/v64.0/tooling/ex...	7/22/2025, 12:08:40 PM	Success	Unread	3.06 KB
nh Hua	Unknown	Batch Apex	7/22/2025, 12:08:40 PM	Success	Unread	4.33 KB
nh Hua	Unknown	SerialBatchApexRangeChunkH...	7/22/2025, 12:08:40 PM	Success		2.85 KB



SETUP
Apex Classes

Schedule Apex

Schedule an Apex class that implements the Schedulable interface to be automatically executed on a specified interval.

Job Name: SchedulerUpdateTrainingSta

Apex Class: SchedulerUpdateTrainingSta

Schedule Using: ● Schedule Builder ○ Cron Expression

Schedule Apex Execution

Frequency: ● Weekly ○ Monthly

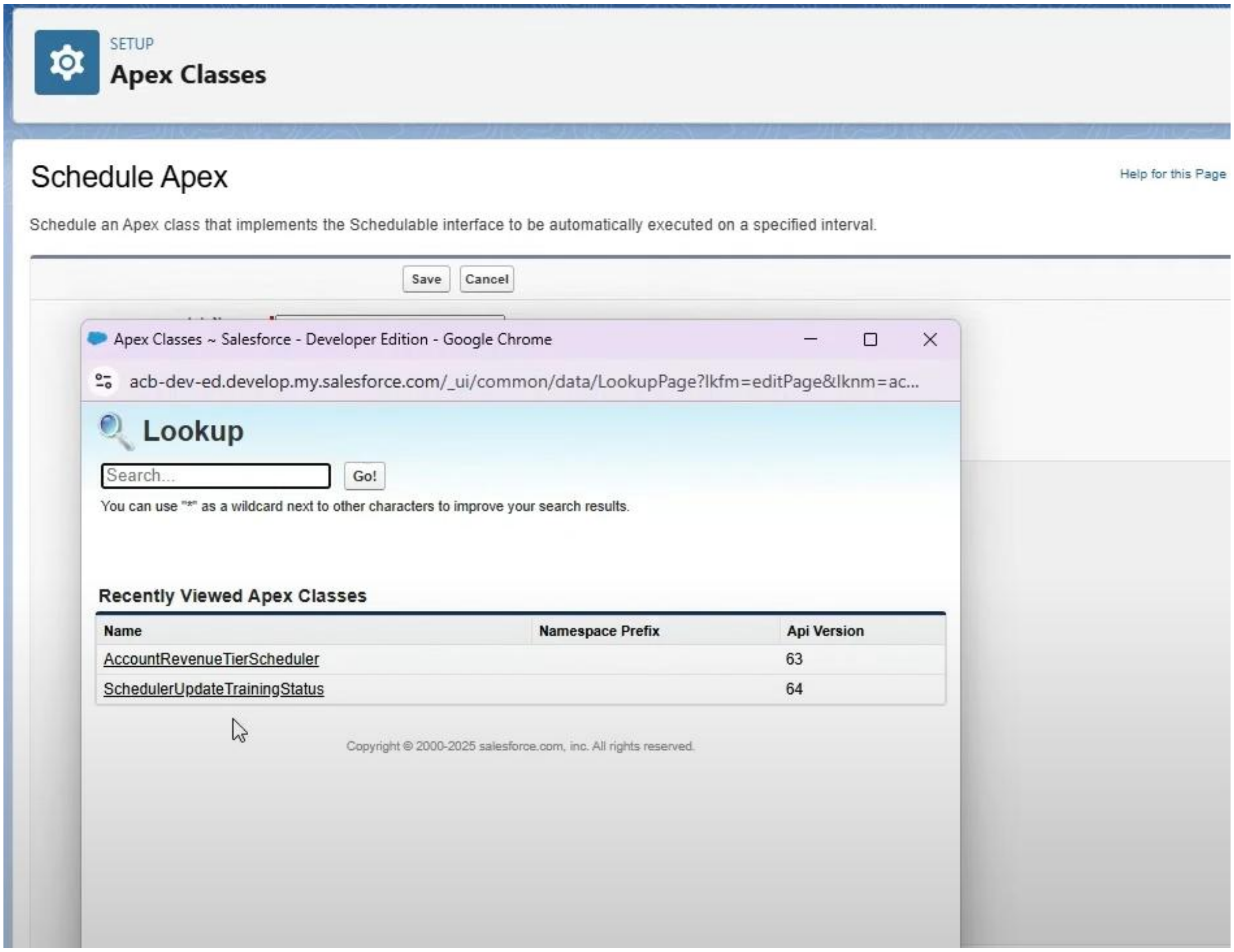
Recurs every week on
- ☑ Sunday
- ☑ Monday
- ☑ Tuesday
- ☑ Wednesday
- ☑ Thursday
- ☑ Friday
- ☑ Saturday

Start: 7/21/2025 [7/21/2025]

End: 8/21/2025 [7/21/2025]

Preferred Start Time: 1:00 AM

Exact start time will depend on job queue activity.


SETUP
Apex Classes
Help for this Page
Save
Cancel
Apex Classes ~ Salesforce - Developer Edition - Google Chrome
Search...
Go!

Schedule Apex

Schedule an Apex class that implements the Schedulable interface to be automatically executed on a specified interval.

acb-dev-ed.develop.my.salesforce.com/_ui/common/data/LookupPage?lkfm=editPage&lknm=ac...

Lookup

You can use "*" as a wildcard next to other characters to improve your search results.

Recently Viewed Apex Classes

Name	Namespace Prefix	Api Version
AccountRevenueTierScheduler		63
SchedulerUpdateTrainingStatus		64

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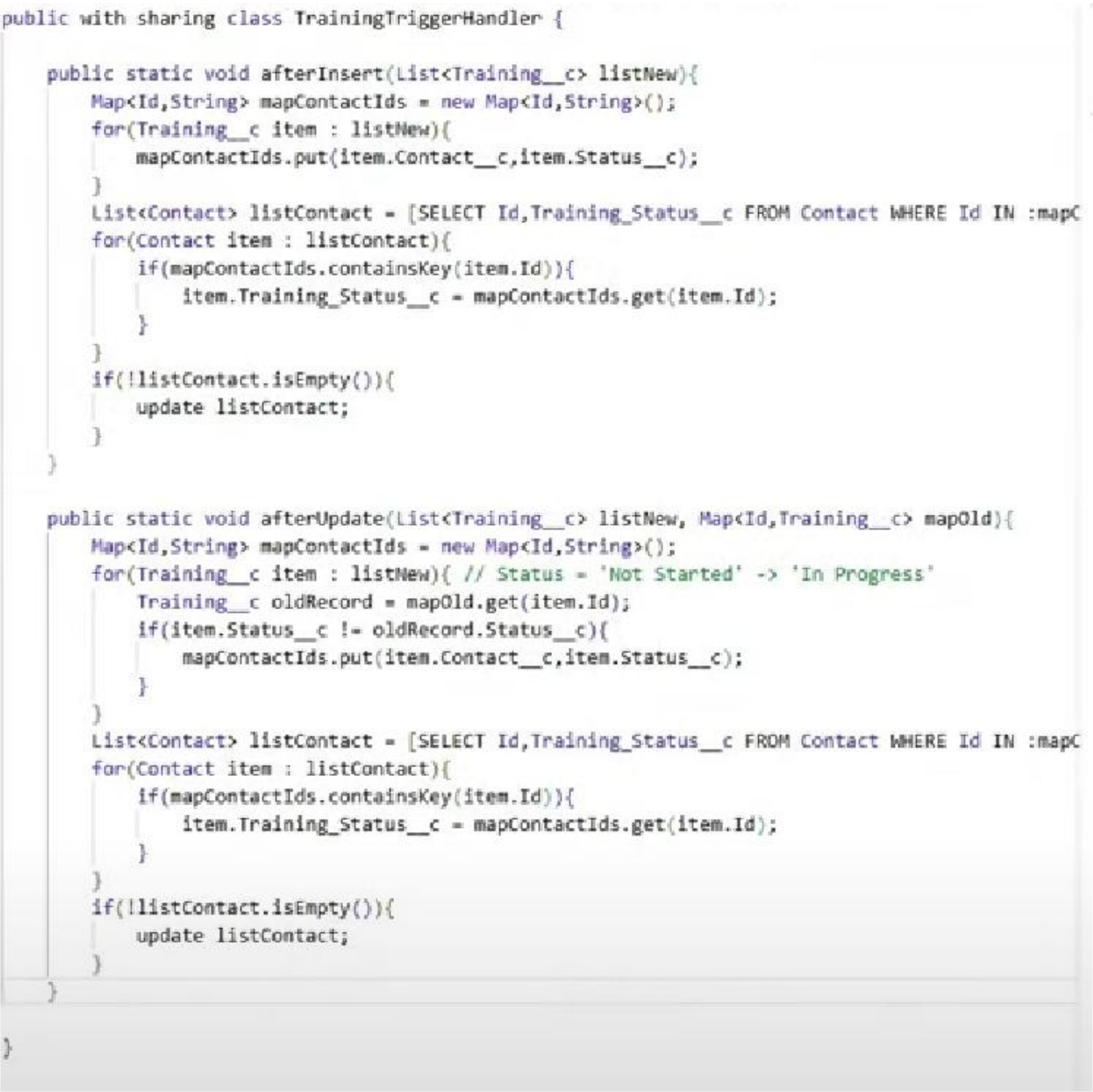
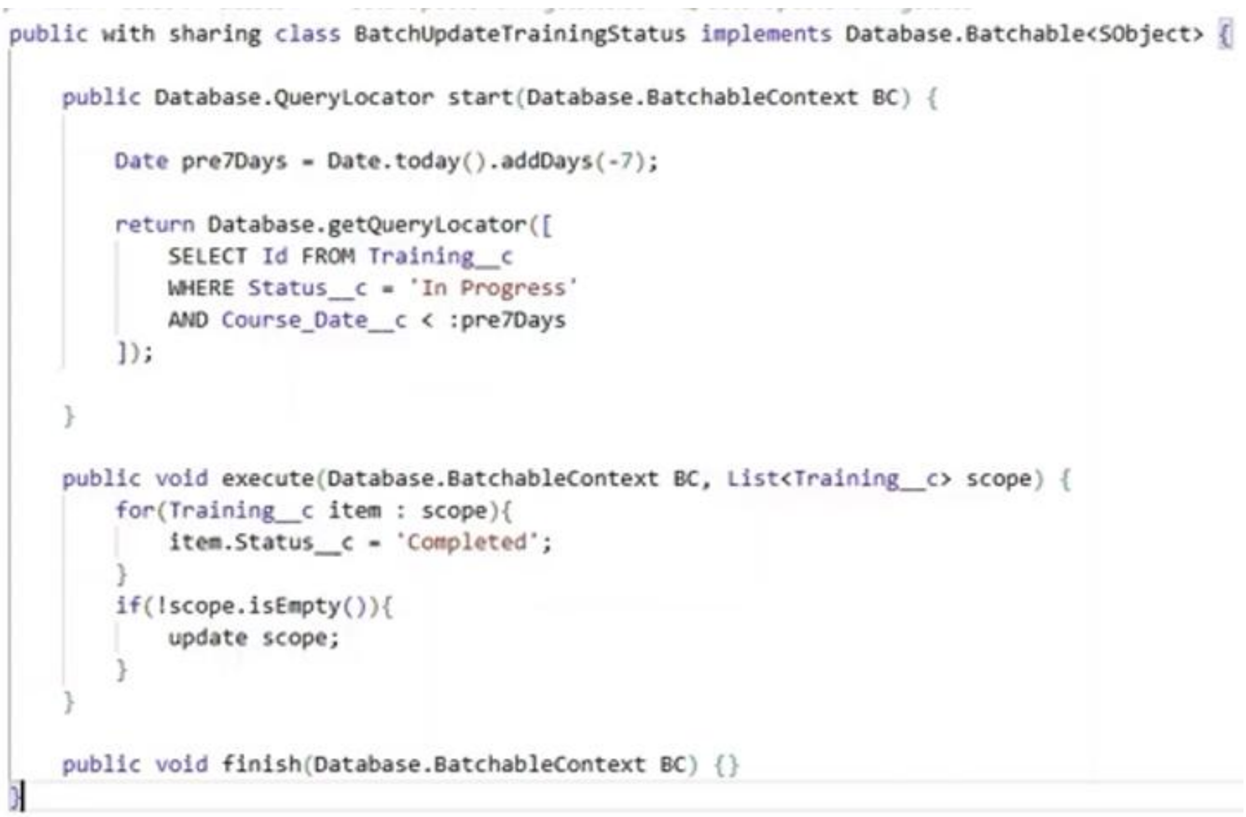


```
public with sharing class TrainingTriggerHandler {

    public static void afterInsert(List<Training__c> listNew){
        Map<Id,String> mapContactIds = new Map<Id,String>();
        for(Training__c item : listNew){
            mapContactIds.put(item.Contact__c,item.Status__c);
        }
        List<Contact> listContact = [SELECT Id,Training_Status__c FROM Contact WHERE Id IN :mapC
        for(Contact item : listContact){
            if(mapContactIds.containsKey(item.Id)){
                item.Training_Status__c = mapContactIds.get(item.Id);
            }
        }
        if(!listContact.isEmpty()){
            update listContact;
        }
    }

    public static void afterUpdate(List<Training__c> listNew, Map<Id,Training__c> mapOld){
        Map<Id,String> mapContactIds = new Map<Id,String>();
        for(Training__c item : listNew){ // Status = 'Not Started' -> 'In Progress'
            Training__c oldRecord = mapOld.get(item.Id);
            if(item.Status__c != oldRecord.Status__c){
                mapContactIds.put(item.Contact__c,item.Status__c);
            }
        }
        List<Contact> listContact = [SELECT Id,Training_Status__c FROM Contact WHERE Id IN :mapC
        for(Contact item : listContact){
            if(mapContactIds.containsKey(item.Id)){
                item.Training_Status__c = mapContactIds.get(item.Id);
            }
        }
        if(!listContact.isEmpty()){
            update listContact;
        }
    }

}
```



```
public with sharing class BatchUpdateTrainingStatus implements Database.Batchable<SObject> {

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

        Date pre7Days = Date.today().addDays(-7);

        return Database.getQueryLocator([
            SELECT Id FROM Training__c
            WHERE Status__c = 'In Progress'
            AND Course_Date__c < :pre7Days
        ]);

    }

    public void execute(Database.BatchableContext BC, List<Training__c> scope) {
        for(Training__c item : scope){
            item.Status__c = 'Completed';
        }
        if(!scope.isEmpty()){
            update scope;
        }
    }

    public void finish(Database.BatchableContext BC) {}
}
```