

# **Schedule Jobs Using the Apex Scheduler**

## **Code for DailyLeadProcessor**

```
global class DailyLeadProcessor implements Schedulable{
    global void execute(SchedulableContext ctx){
        List<Lead> leads = [SELECT Id, LeadSource From Lead Where
LeadSource ="];
        if(leads.size() > 0){
            List<Lead > newLeads = new List<Lead>();
            for(Lead lead : leads){
                lead.LeadSource = 'Dreamforce';
                newLeads.add(lead);
            }
            update newLeads;
        }
    }
}
```

## Code for DailyLeadProcessorTest

```
@isTest
private class DailyLeadProcessorTest{
//Seconds Minutes Hours Day_of_month Month Day_of_week optional_year
public static String CRON_EXP = '0 0 0 2 6 ? 2022';

static testmethod void testScheduledJob(){
List<Lead> leads = new List<Lead>();

for(Integer i = 0; i < 200; i++){
Lead lead = new Lead(LastName = 'Test ' + i, LeadSource = '', Company = 'Test
Company ' + i, Status = 'Open - Not Contacted');
leads.add(lead);
}

insert leads;

Test.startTest();
// Schedule the test job
String jobId = System.schedule('Update LeadSource to DreamForce', CRON_EXP,
new DailyLeadProcessor());

// Stopping the test will run the job synchronously
Test.stopTest();
}
}
```