

Date:17/07/2023

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Step1:

As shown below, create an apex class for the scheduled class and write the cron jobs.

The screenshot displays the Salesforce Developer Console interface. At the top, the user is logged in as Shashikumar Reddy. The main window shows a query editor with the following SQL query:

```
select id,Name,Description__c,Start_Date__c,End_Date__c, createddate FROM project__c where createddate= TODAY
```

Below the query, the 'Export' button is visible. The 'Export result' section shows a table with 8 records, including columns for ID, Name, Description, Start Date, End Date, and Created Date.

The bottom section of the console shows the Apex class `ScheduleBatchJob` implementing the `Schedulable` interface. The code is as follows:

```
1 public class ScheduleBatchJob implements Schedulable {
2     public void execute(SchedulableContext sc) {
3         BatchClass batchJob = new BatchClass();
4
5         Database.executeBatch(batchJob);
6     }
7 }
```

An 'Enter Apex Code' dialog box is open, showing the following code:

```
1 ScheduleBatchJob batchScheduler = new ScheduleBatchJob();
2 String cronExpression = '0 5 18 * * ?';
3 System.schedule('Schedulers', cronExpression, batchScheduler);
```

The bottom of the console shows the 'Execution Log' with the following entries:

| Timestamp | Event | Details |
|--------------|---------------------|--|
| 18:06:09:001 | CODE_UNIT_STARTED | [EXTERNAL]execute_anonymous_apex |
| 18:06:09:002 | STATEMENT_EXECUTE | [1] |
| 18:06:09:002 | STATEMENT_EXECUTE | [1] |
| 18:06:09:002 | METHOD_ENTRY | [1] 01p2t000002mSK1 ScheduleBatchJob.ScheduleBatchJob() |
| 18:06:09:002 | STATEMENT_EXECUTE | [1] |
| 18:06:09:002 | STATEMENT_EXECUTE | [1] |
| 18:06:09:002 | METHOD_EXIT | [1] ScheduleBatchJob |
| 18:06:09:002 | CONSTRUCTOR... | [1] 01p2t000002mSK1 <init>() ScheduleBatchJob |
| 18:06:09:002 | VARIABLE_ASSIGNMENT | [1] this() 0x1a25296d |
| 18:06:09:004 | STATEMENT_EXECUTE | [1] |
| 18:06:09:004 | CONSTRUCTOR... | [1] 01p2t000002mSK1 <init>() ScheduleBatchJob |
| 18:06:09:004 | VARIABLE_ASSIGNMENT | [1] batchScheduler () 0x1a25296d |
| 18:06:09:004 | STATEMENT_EXECUTE | [2] |
| 18:06:09:004 | VARIABLE_ASSIGNMENT | [2] cronExpression '0 5 18 * * ?' |
| 18:06:09:004 | STATEMENT_EXECUTE | [3] |
| 18:06:09:011 | EXCEPTION_THROWN | [3] System.AsyncException: The Apex job named "Schedulers" is already scheduled for execution. |
| 18:06:09:011 | FATAL_ERROR | System.AsyncException: The Apex job named "Schedulers" is already scheduled for execution. |
| 18:06:09:011 | CODE_UNIT_FINISHED | execute_anonymous_apex |