

### Example on Future class

```
public class futureclass
{
    //nonset up object
    public static void ins_acc()
    {
        account ac=new account();
        ac.name='future1';
        ac.AnnualRevenue=5600000;
        ac.Type='prospect';
        insert ac;
    }

    //setup object
    @future
    public static void add_user()
    {
        user usr=new user();
        profile p=[select id from profile where name='Standard Platform User'];
        userrole r=[select id from userrole where name='COO'];
        usr.profileid=p.id;
        usr.UserRoleId=r.id;
        usr.FirstName='Tantul';
        usr.LastName='Malik';
        usr.Alias='TMK';
        usr.email='poonam.malhotra@almalearn.com';
        usr.EmailEncodingKey='UTF-8';
        usr.LanguageLocaleKey='en_US';
        usr.username='tantulm@almamate.com';
        usr.TimeZoneSidKey='Asia/Kolkata';
    }
}
```

```
usr.LocaleSidKey='en_US';  
insert usr;
```

```
}
```

```
}
```

.....

```
public class firstq implements queueable
```

```
{
```

```
    public void execute(queueablecontext qc )
```

```
    {
```

```
        delete[select id from case where casenumber in ('00001026')];
```

```
        futureclass.ins_acc();
```

```
    }
```

```
}
```

```
public class secondq implements queueable
```

```
{
```

```
    public void execute(queueablecontext qc )
```

```
    {
```

```

        delete[select id from contact where createddate=today];
        futureclass.ins_acc();
        system.enqueueJob(new firstq());

    }

}

public class schedule1 implements schedulable
{

    public void execute(schedulablecontext sc )
    {
        delete[select id ,name from product_details__c where name='mylaptop'];
        futureclass.ins_acc();

    }

}

```

## Execution

```

//futureclass.ins_acc();
//futureclass.add_user();
//system.enqueueJob(new secondq());

```

```

schedule1 sa=new schedule1();
string exp='0 0 13 * * ? *';
system.schedule('new1', exp, sa);

```

.....

Global class batcchexample implements database.batchable<subject>

```
{
```

```

    global database.QueryLocator start(database.BatchableContext bc)

```

```
{
```

```
}
```

```

    global void execute(database.BatchableContext bc, list<subject> scope )

```

```
{
```

```
}
```

```

    global void finish(database.BatchableContext bc)

```

```
{
```

```
    // nothing to write
```

```
}
```

.....

Global class batchexample implements database.batchable<subject>

```
{
```

```

    global final string query;

```

```

    global final string s_object;

```

```
global final string field;  
global final string value;
```

```
global batchexample (string q,string s,string f,string v)  
{  
    query=q;  
    s_object=s;  
    field=f;  
    value=v;  
}
```

```
global database.QueryLocator start(database.BatchableContext bc)  
{  
    return database.getquerylocator(query);  
}
```

```
global void execute(database.BatchableContext bc, list<subject> scope )  
{  
    for(subject o:scope)  
    {  
        o.put(field,value);  
        update scope;  
    }  
}
```

```
global void finish(database.BatchableContext bc)  
{  
    // nothing to write
```

```
}
```

```
}
```

```
string q='select type from account limit 10';
```

```
string s='Account';
```

```
string f='Type';
```

```
string v='Customer - Direct';
```

```
database.executeBatch(new batchexample(q,s,f,v));
```

```
.....
```

```
string q='select industry from account where industry = \'Apparel\' LIMIT 10';
```

```
string s='Account';
```

```
string f='Industry';
```

```
string v='Education';
```

```
database.executeBatch(new batchexample(q,s,f,v));
```

Example on How to retrieve records through batched

global class batchupdate implements Database.Batchable<subject>

```
{
```

```
    global Database.QueryLocator start(Database.BatchableContext bc)
```

```
{
```

```
String Query = 'select id,name,industry from account';
```

```
System.debug('-----Query---->'+Query);
```

```
    return Database.getQueryLocator(Query);
```

```
}
```

```
global void execute(Database.BatchableContext bc,list<account> scope)
{
    list<account> cust=new List<account>();
    System.debug('-----scope---->'+scope.size());
    for(account c:scope)
    {
        c.name='mr'+c.name;
        cust.add(c);

    }
    update cust;
}
```

```
global void finish(Database.BatchableContext bc)
{

}
```