(1) Please submit a java class which generates quarters names when given from date and to date.

Input: From and To Date . e.g. "2013-05-01”, “2014-09-02”   
Input Format: <java.sql.Date>, <java.sql.Date>  
  
Output: List of Quarters. e.g. "Jun13, Sep13, Dec13, Mar14, Jun14, Sep14" etc.  
Output Format: String[] / List<String> / List<java.sql.Date>  
  
Feel free to use any time related java libraries and convert the java.sql.Date object to whichever object is easier to use.  
  
(2) Make a generic static method getTimePeriods(java.sql.Date fromDate, java.sql.Date toDate, int timePeriod) which works for years and months apart from quarters.  
  
e.g.  List<String> timePeriods = TimePeriod.getTimePeriods(java.sql.Date fromDate, java.sql.Date toDate, TimePeriod.QUARTER);  
  
TimePeriod.MONTH=1  
TimePeriod.QUARTER = 2  
TimePeriod.YEAR = 3

In *the getTimePeriod(fromDate, toDate, timePeriod)* method, you will achieve the same result as in Question 1 when *timePeriod = TimePeriod.QUARTER*.

**Test Case 1:**

Input: *fromDate = 01 Mar 2014, toDate = 01 April 2015 and timePeriod = TimePeriod.YEAR*,

Output: *2014, 2015.*

**Test Case 2:**

Input*: fromDate = 01 Mar 2014, toDate = 07 Mar 2014 and timePeriod = TimePeriod.DAY*,

Output: *01 Mar, 02 Mar, 03 Mar, 04 Mar, 05 Mar, 06 Mar, 07 Mar.*