**Cricket Kit Contribution - Requirement 6**

**Requirement 6:**   
  
a)Create a Class Purchase with the following attributes: 

|  |  |
| --- | --- |
| **Member Field Name** | **Type** |
| id | Long |
| purchaseDate | java.util.Date |
| totalAmount | Double |
| user | String |

b) Mark all the attributes as private  
  
c) Create / Generate appropriate Getters & Setters  
  
d) Add a default constructor and a parameterized constructor to take in all attributes in the given order: Purchase(Long id, Date purchaseDate, Double totalAmount, String user)  
  
f) Create the below static method in Purchase class 

|  |  |
| --- | --- |
| **Method Name** | **Description** |
| static void obtainPurchaseWithItem(Map<String, Integer> map,String purchaseDetail) | accepts two arguments a map and a String. Build a map with item name as Key and total quantity as Value from the given purchase detail String in comma seperated  format. |

HINT:  
If the map already contains the value(key as item name). Then take the quantity from the map, add it with new quantity of the item and insert the added quantity into the map with the same key(item name).  
[Note: Use TreeMap]  
  
The purchase details should be in the given format.  
**purchase id,purchase date, user,item name 1, item cost 1, item quantity 1,item name 2, item cost 2, item quantity 2,.............**  
Eg: 2,12-12-2012,Peter,Bat,1500,3,Ball,60,8,Stump,340,1   
  
g) Display all the item name and item quantity from the map in the given format,  
**Print Format:**  
**System.out.format("%-15s %s\n","Item name","Quantity");**  
  
**Sample INPUT/OUTPUT:**  
Enter the number of purchase:  
**3  
1,12-12-2012,John,Bat,1500,5,Ball,60,2,Stump,340,15,helmet,925,8,Pad,600,20,Gloves,450,35,Guard,120,4  
2,12-12-2012,Peter,Bat,1500,3,Ball,60,8,Stump,340,1  
3,12-12-2012,Jack,Bat,1500,7,Ball,60,1,Stump,340,5,helmet,925,5,Pad,600,15**  
Item name       Quantity  
Ball                     11  
Bat                     15  
Gloves              35  
Guard               4  
Pad                   35  
Stump              21  
helmet             13