**Assignment 1 – Module 2**

**Q-6** / **Query**:

**SELECT D.calmonth,NULL, sum(I.QUANTITY)as tot\_qun, sum(I.EXTCOST) as tot\_extcost**

**FROM date\_dim D**

**inner join inventory\_fact I on D.DATEKEY = I.DATEKEY**

**inner join cust\_vendor\_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY**

**WHERE D.CALYEAR = 2011**

**group by D.calmonth**

**UNION**

**SELECT NULL,C.addrcatcode1, sum(I.QUANTITY)as tot\_qun, sum(I.EXTCOST) as tot\_extcost**

**FROM date\_dim D**

**inner join inventory\_fact I on D.DATEKEY = I.DATEKEY**

**inner join cust\_vendor\_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY**

**WHERE D.CALYEAR = 2011**

**group by C.addrcatcode1**

**UNION**

**SELECT D.calmonth,C.addrcatcode1, sum(I.QUANTITY)as tot\_qun, sum(I.EXTCOST) as tot\_extcost**

**FROM date\_dim D**

**inner join inventory\_fact I on D.DATEKEY = I.DATEKEY**

**inner join cust\_vendor\_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY**

**WHERE D.CALYEAR = 2011**

**group by D.calmonth,C.addrcatcode1**

**UNION**

**SELECT NULL,NULL, sum(I.QUANTITY)as tot\_qun, sum(I.EXTCOST) as tot\_extcost**

**FROM date\_dim D**

**inner join inventory\_fact I on D.DATEKEY = I.DATEKEY**

**inner join cust\_vendor\_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY**

**WHERE D.CALYEAR = 2011;**

**Implementation:**

