**PROBLEM 10**

SELECT CUST\_VENDOR\_DIM.NAME,CALYEAR,CALQUARTER,

SUM(Extcost) AS Sumcost,COUNT(\*) AS RowCount

FROM Inventory\_fact, Date\_dim,Trans\_Type\_Dim,CUST\_VENDOR\_DIM

WHERE Inventory\_fact.DATEKEY=Date\_dim.DATEKEY

AND Inventory\_fact.TransTypeKey=Trans\_Type\_Dim.TRANSTYPEKEY

AND Inventory\_fact.CUSTVENDORKEY=CUST\_VENDOR\_DIM.CUSTVENDORKEY

AND (Trans\_Type\_Dim.TransTypeKey =5)

AND CalYear BETWEEN 2011 AND 2012

GROUP BY GROUPING SETS(CUST\_VENDOR\_DIM.NAME,ROLLUP( CALYEAR,CALQUARTER));

