**Problem 2:  
Query:**

SELECT T.calquarter

, C.zip

, C.NAME

, COUNT(\*) AS TotalTransactions

, SUM(F.extcost) AS TotalExtCost

FROM date\_dim T

INNER JOIN inventory\_fact F

ON T.datekey = F.datekey

INNER JOIN cust\_vendor\_dim C

ON C.custvendorkey = F.custvendorkey

WHERE (

T.calyear = 2011

OR T.calyear = 2012

)

AND F.transtypekey = 5

GROUP BY GROUPING SETS((

T.calquarter

, C.ZIP

, C.NAME

), (

T.calquarter

, C.zip

), (

C.zip

, C.NAME

), (

T.calquarter

, C.NAME

), (T.calquarter), (C.zip), (C.NAME), ());

**Output:**  
  
