**Problem 9**

**Query:**

SELECT V.Addrcatcode1

, D.calmonth

, SUM(F.quantity) AS TotalQuantity

, SUM(F.extcost) AS TotalExtCost

, Grouping\_Id(V.Addrcatcode1, D.calmonth) AS Group\_ID

FROM date\_dim D

INNER JOIN inventory\_fact F

ON D.datekey = F.datekey

INNER JOIN cust\_vendor\_dim V

ON V.custvendorkey = F.custvendorkey

WHERE D.calyear = 2011

AND F.transtypekey = 5

GROUP BY CUBE(V.Addrcatcode1, D.calmonth);

**Output:**

