**Problem 1:  
  
Query:**

SELECT T.calmonth

, C.addrcatcode1

, sum(I.quantity) AS TotalQuantity

, sum(I.extcost) AS TotalExtCost

FROM date\_dim T

INNER JOIN inventory\_fact I

ON T.datekey = I.datekey

INNER JOIN cust\_vendor\_dim C

ON C.custvendorkey = I.custvendorkey

WHERE T.calyear = 2011

GROUP BY cube(T.calmonth, C.addrcatcode1);

**Output:**

