## Query 1: Sales Order Shipments by Month and Category Code1

Write an SQL statement to display the sum of the extended cost and the sum of the quantity. The results should include data for shipments (transaction type 5) in calendar year 2011. Summarize the result by calendar month and Address Category Code 1. The result should include the grouped columns and the full totals for every combination of grouped columns. Do not use the GROUPING SETS and UNION operators.

SELECT dd.CALMONTH,

cvd.ADDRCATCODE1,

SUM(f.EXTCOST),

SUM(f.QUANTITY)

FROM INVENTORY\_FACT f

INNER JOIN CUST\_VENDOR\_DIM cvd

ON f.CUSTVENDORKEY = cvd.CUSTVENDORKEY

INNER JOIN DATE\_DIM dd

ON dd.DATEKEY = f.DATEKEY

WHERE dd.CALYEAR = 2011

AND f.TRANSTYPEKEY=5

GROUP BY CUBE(dd.CALMONTH, cvd.ADDRCATCODE1);

