**query 9**

select addrcatcode1, calmonth, grouping\_id(addrcatcode1, calmonth) as group\_number,

sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, cust\_vendor\_dim, date\_dim

where transtypekey=5 and

date\_dim.calyear=2011 and

inventory\_fact.custvendorkey=cust\_vendor\_dim.custvendorkey and

inventory\_fact.datekey=date\_dim.datekey

group by cube(addrcatcode1, date\_dim.calmonth);

