2)

Select SUM(extcost),count(\*) as NoOfTransactions,calquarter,zip,name from inventory\_fact,cust\_vendor\_dim,date\_dim where date\_dim.DateKey=inventory\_fact.datekey

and cust\_vendor\_dim.custvendorkey=inventory\_fact.custvendorkey and TransTypeKey=5 and date\_dim.calyear=2011 or date\_dim.calyear=2012 group by

Grouping sets((calquarter,zip,name),(calquarter,zip),(calquarter,name),(zip,name),zip,name,calquarter,())

order by zip,name,calquarter;

