/\*Query 2: Sales Order Shipments by Name, Zip, and Quarter

Write an SQL statement to display the sum of the extended cost and the number

of inventory transactions. The results should include data for shipments

(transaction type 5) in calendar years 2011 and 2012. Summarize the result by

calendar quarter, customer zip code, and customer name. The result should

include the grouped columns and full set of subtotals for every combination of

grouped columns. Do not use the CUBE and UNION operators.

\*/

**SELECT DD.calquarter, cv.zip, cv.name,**

**SUM (FCT.extcost), COUNT(1)**

**from INVENTORY\_FACT FCT**

**JOIN date\_dim DD ON FCT.datekey= dd.datekey**

**JOIN cust\_vendor\_dim CV ON CV.custvendorkey = FCT.custvendorkey**

**WHERE transtypekey = 5**

**AND DD.calyear IN (2011,2012)**

**GROUP BY GROUPING SETS(**

**(DD.calquarter, cv.zip, cv.name),**

**(DD.calquarter, cv.zip),**

**(DD.calquarter, cv.name),**

**( cv.zip, cv.name),**

**DD.calquarter, cv.zip, cv.name, ()**

**)**

**ORDER BY DD.calquarter, cv.zip, cv.name;**

