Q6.

/\*Question 6 \*/

select b.calmonth,d.addrcatcodeid,sum(extcost),sum(quantity)

from inventory\_fact a

inner join date\_dim b

on a.datekey =b.datekey

inner join cust\_vendor\_dim c

on a.custvendorkey=c.custvendorkey

inner join addr\_cat\_code1 d

on c.addrcatcode1=d.addrcatcodekey

where transtypekey=5 and calyear=2011

GROUP BY (b.calmonth,d.addrcatcodeid)

UNION

select b.calmonth,NULL,sum(extcost),sum(quantity)

from inventory\_fact a

inner join date\_dim b

on a.datekey =b.datekey

inner join cust\_vendor\_dim c

on a.custvendorkey=c.custvendorkey

inner join addr\_cat\_code1 d

on c.addrcatcode1=d.addrcatcodekey

where transtypekey=5 and calyear=2011

GROUP BY(b.calmonth)

UNION

select NULL,d.addrcatcodeid,sum(extcost),sum(quantity)

from inventory\_fact a

inner join date\_dim b

on a.datekey =b.datekey

inner join cust\_vendor\_dim c

on a.custvendorkey=c.custvendorkey

inner join addr\_cat\_code1 d

on c.addrcatcode1=d.addrcatcodekey

where transtypekey=5 and calyear=2011

group by(d.addrcatcodeid)

UNION

select NULL,NULL,sum(extcost),sum(quantity)

from inventory\_fact a

inner join date\_dim b

on a.datekey =b.datekey

inner join cust\_vendor\_dim c

on a.custvendorkey=c.custvendorkey

inner join addr\_cat\_code1 d

on c.addrcatcode1=d.addrcatcodekey

where transtypekey=5 and calyear=2011

