**Problem 7**

select calyear,seconditemid,sum(extcost)as tot\_cost,

RATIO\_TO\_REPORT(SUM(extcost))

OVER (Partition by Calyear) AS SumSalesRatio

from inventory\_fact i, cust\_vendor\_dim c, date\_dim d,item\_master\_dim it

where TransTypeKey = 1 and

d.datekey = i.datekey and

i.CustVendorKey = c.CustVendorKey AND

i.DateKey = d.DateKey and

i.itemmasterkey=it.ITEMMASTERKEY

group by calyear,seconditemid

ORDER BY calyear asc, sum(extcost)desc; 