**Problem 2**

select Name,state , sum(ExtCost) as tot\_cost,

RANK() OVER (PARTITION BY State

ORDER BY SUM(ExtCost) DESC) AS SumSalesRank

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

where TransTypeKey = 5 and

d.datekey = i.datekey and

i.CustVendorKey = c.CustVendorKey AND

i.DateKey = d.DateKey

group by Name,state order by state;

