**PROBLEM 3**

SELECT

COMPANY\_DIM.COMPANYNAME,BPNAME, SUM(Extcost) AS Sumcost,SUM(Quantity) AS Quantity

FROM Inventory\_fact, Date\_dim,Trans\_Type\_Dim,BRANCH\_PLANT\_DIM,COMPANY\_DIM

WHERE Inventory\_fact.DATEKEY=Date\_dim.DATEKEY

AND Inventory\_fact.TransTypeKey=Trans\_Type\_Dim.TRANSTYPEKEY

AND Inventory\_fact.BRANCHPLANTKEY=BRANCH\_PLANT\_DIM.BRANCHPLANTKEY

AND BRANCH\_PLANT\_DIM.COMPANYKEY=COMPANY\_DIM.COMPANYKEY

AND (Trans\_Type\_Dim.TRANSTYPEKEY =2)

GROUP BY ROLLUP(COMPANY\_DIM.COMPANYNAME,BPNAME)

ORDER BY COMPANY\_DIM.COMPANYNAME,BPNAME;

