**PROBLEM 7**

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 COMPANY\_DIM.COMPANYNAME,BPNAME

UNION

SELECT

COMPANY\_DIM.COMPANYNAME,NULL, 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 COMPANY\_DIM.COMPANYNAME

UNION

SELECT

NULL,NULL, 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)

ORDER BY 1,2;

