**Solution to Module 2**

7.

SELECT B.BPName,C.CompanyName, SUM(I.QUANTITY) AS Tot\_Qunty, SUM(I.EXTCOST) AS Tot\_ExtCost

FROM Branch\_Plant\_Dim B INNER JOIN Company\_Dim C on B.CompanyKey = C. CompanyKey

INNER JOIN Inventory\_Fact I on B.BranchPlantKey= i.BranchPlantKey

WHERE I.TRANSTYPEKEY = 2

GROUP BY C.COMPANYNAME, B.BPNAME

UNION

SELECT NULL,C. C.CompanyName, SUM(I.QUANTITY) AS Tot\_Qunty, SUM(I.EXTCOST) AS Tot\_ExtCost

FROM Branch\_Plant\_Dim B INNER JOIN Company\_Dim C on B.CompanyKey = C. CompanyKey

INNER JOIN Inventory\_Fact I on B.BranchPlantKey= i.BranchPlantKey

WHERE I.TRANSTYPEKEY = 2

GROUP BY C.COMPANYNAME

UNION

SELECT NULL,NULL, SUM(I.QUANTITY) AS Tot\_Qunty, SUM(I.EXTCOST) AS Tot\_ExtCost

FROM Branch\_Plant\_Dim B INNER JOIN Company\_Dim C on B.CompanyKey = C. CompanyKey

INNER JOIN Inventory\_Fact I on B.BranchPlantKey= i.BranchPlantKey

WHERE I.TRANSTYPEKEY = 2;

