**Problem 7**

**Query:**

SELECT B.bpname

, V.companyname

, SUM(F.quantity) AS TotalQuantity

, SUM(F.extcost) AS TotalExtCost

FROM branch\_plant\_dim B

INNER JOIN company\_dim V

ON B.companykey = V.companykey

INNER JOIN inventory\_fact F

ON B.branchplantkey = F.branchplantkey

WHERE F.transtypekey = 2

GROUP BY V.companyname

, B.bpname

UNION

SELECT NULL

, NULL

, SUM(F.quantity) AS TotalQuantity

, SUM(F.extcost) AS TotalExtCost

FROM branch\_plant\_dim B

INNER JOIN company\_dim V

ON B.companykey = V.companykey

INNER JOIN inventory\_fact F

ON B.branchplantkey = F.branchplantkey

WHERE F.transtypekey = 2;

**Output:**

