

Query 7: Rewrite Query 3 without CUBE, ROLLUP, or GROUPING SETS

Query Editor Query History

```

1  SELECT CompanyName, BPName, SUM(ExtCost) AS COSTSUM, SUM(Quantity) AS QuanSum
2  FROM Inventory_fact, branch_plant_dim, company_dim
3  WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY
4        AND branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY
5        AND Inventory_fact.TransTypeKey = 2
6  GROUP BY CompanyName, BPName
7  UNION
8  SELECT CompanyName, NULL, SUM(ExtCost) AS COSTSUM, SUM(Quantity) AS QuanSum
9  FROM Inventory_fact, branch_plant_dim, company_dim
10 WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY
11       AND branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY
12       AND Inventory_fact.TransTypeKey = 2
13 GROUP BY CompanyName
14 UNION
15 SELECT NULL, NULL, SUM(ExtCost) AS COSTSUM, SUM(Quantity) AS QuanSum
16 FROM Inventory_fact, branch_plant_dim, company_dim
17 WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY
18       AND branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY
19       AND Inventory_fact.TransTypeKey = 2
20 ORDER BY 1,2;

```

Data Output Explain Messages Notifications

	companyname character varying	bpname character varying	costsum numeric	quansum numeric	
1	Company 1	Branch Plant 1	872065	1141	
2	Company 1	Branch Plant 2	1452906	1183	
3	Company 1	Branch Plant 3	-992788	-726	
4	Company 1	Branch Plant 4	1011788	728	
5	Company 1	[null]	2343971	2326	
6	Company 2	Branch Plant 5	133624	-121	
7	Company 2	Branch Plant 6	183894	130	
8	Company 2	Branch Plant 7	488275	205	
9	Company 2	Branch Plant 8	-269480	-289	
10	Company 2	[null]	536313	-75	