

PROBLEM 7 BY SHASHANK MISHRA

QUERY

```
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.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;
```

SNAPSHOT

	BPNAME	COMPANYNAME	TOT_QUNTY	TOT_EXTCOST
1	Branch Plant 1	Company 1	1141	872065
2	Branch Plant 10	Company 3	-590	-546160
3	Branch Plant 11	Company 3	-403	-468917
4	Branch Plant 12	Company 3	4	24238
5	Branch Plant 13	Company 4	-1213	-1262575
6	Branch Plant 14	Company 4	401	269750
7	Branch Plant 15	Company 4	-559	-674220
8	Branch Plant 16	Company 4	-574	-526426
9	Branch Plant 17	Company 5	1059	1165434
10	Branch Plant 18	Company 5	-693	-670863