

## PROBLEM 6 BY SHASHANK MISHRA

### QUERY

```
select D.calmonth,NULL, sum(I.QUANTITY)as tot_qun, sum(I.EXTCOST) as tot_extcost from
date_dim D inner join inventory_fact I on D.DATEKEY = I.DATEKEY inner join cust_vendor_dim
C on C.CUSTVENDORKEY = I.CUSTVENDORKEY where D.CALYEAR = 2011 group by D.calmonth
```

UNION

```
select NULL,C.addrcatcode1, sum(I.QUANTITY)as tot_qun, sum(I.EXTCOST) as tot_extcost
from date_dim D inner join inventory_fact I on D.DATEKEY = I.DATEKEY inner join
cust_vendor_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY where D.CALYEAR = 2011
group by C.addrcatcode1
```

UNION

```
select D.calmonth,C.addrcatcode1, sum(I.QUANTITY)as tot_qun, sum(I.EXTCOST) as
tot_extcost from date_dim D inner join inventory_fact I on D.DATEKEY = I.DATEKEY inner
join cust_vendor_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY where D.CALYEAR =
2011 group by D.calmonth,C.addrcatcode1
```

UNION

```
select NULL,NULL, sum(I.QUANTITY)as tot_qun, sum(I.EXTCOST) as tot_extcost from
date_dim D inner join inventory_fact I on D.DATEKEY = I.DATEKEY inner join cust_vendor_dim
C on C.CUSTVENDORKEY = I.CUSTVENDORKEY where D.CALYEAR = 2011;
```

### SNAPSHOT

	⚡ CALMONTH	⚡ NULL	⚡ TOT_QUN	⚡ TOT_EXTCOST
1	1	1	1040401	1065126287
2	1	2	1007577	1017404894
3	1	3	713557	700921252
4	1	4	553823	557158885
5	1	5	795192	819829477
6	1	(null)	4110550	4160440795
7	2	1	812415	794931319
8	2	2	491935	499087089
9	2	3	407372	410499540
10	2	4	588650	591487331