4.

SELECT TransDescription,CompanyName,BPName,SUM(ExtCost), COUNT(\*)

FROM Inventory\_fact i,BRANCH\_PLANT\_DIM b, COMPANY\_DIM c, TRANS\_TYPE\_DIM t

WHERE i.BRANCHPLANTKEY=b.BRANCHPLANTKEY AND b.COMPANYKEY=c.COMPANYKEY

AND i.TRANSTYPEKEY=t.TRANSTYPEKEY

AND i.transtypekey IN (Select TRANSTYPEKEY FROM TRANS\_TYPE\_DIM)

GROUP BY GROUPING SETS ((TransDescription, CompanyName, BPName), (TransDescription, CompanyName), TransDescription, ())

ORDER BY TransDescription,CompanyName,BPName;

