Problem 4:

select T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME, count(\*) as num\_transac, 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

inner join TRANS\_TYPE\_DIM T on T.TRANSTYPEKEY=I.TRANSTYPEKEY

group by grouping sets((T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME),T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME,());

