**Solution to Module 2**

10.

SELECT D.CalYear, D.CalQuarter, C.Name, COUNT(\*) AS Num\_Transactions, 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 or D.CALYEAR = 2012) and I.TRANSTYPEKEY = 5

GROUP BY grouping sets(C.NAME,ROLLUP(D.CALYEAR,D.CALQUARTER))

ORDER BY C.NAME, D.CALYEAR,D.CALQUARTER;

