**Solution to Module 2**

9.

SELECT C.AddrCatCode1, D.CalMonth , SUM(I.QUANTITY) AS Tot\_Qun, SUM(I.EXTCOST) AS Tot\_ExtCost, Grouping\_Id(C.AddrCatCode1, D.CalMonth) AS Group\_Level

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 and I.TRANSTYPEKEY = 5

GROUP BY cube(C.Addrcatcode1,D.CALMONTH);

