**Solution to Module 2**

6.

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;

