**Solution to Module 3**

7.

SELECT d.Calyear, m.Seconditemid, SUM (Extcost) AS SumExtCost,

RATIO\_TO\_REPORT (SUM (ExtCost)) OVER (PARTITION BY d.Calyear) AS SumExtCostRatio

FROM Inventory\_fact i, Item\_master\_dim m, date\_dim d

WHERE i.itemmasterkey = m.itemmasterkey

AND i.datekey = d.datekey

AND i.transtypekey = 1

GROUP BY d.Calyear, m.Seconditemid

ORDER BY d.Calyear ASC, SUM (ExtCost) DESC;

