**Solution to Module 4**

1.

CREATE MATERIALIZED VIEW SalesByVendorDateKeyMV2011

BUILD IMMEDIATE

REFRESH COMPLETE ON DEMAND AS

SELECT

INVENTORY\_FACT.CUSTVENDORKEY,

INVENTORY\_FACT.DATEKEY,

SUM (ExtCost) AS SUMExtCost,

SUM (Quantity) AS SUMQunatity,

COUNT (TransTypeKey) AS COUNTTransactions

FROM

INVENTORY\_FACT,

DATE\_DIM

WHERE

INVENTORY\_FACT.DATEKEY = DATE\_DIM.DATEKEY

AND INVENTORY\_FACT.TRANSTYPEKEY = 5

AND DATE\_DIM.CALYEAR = 2011

GROUP BY

INVENTORY\_FACT.CUSTVENDORKEY,

INVENTORY\_FACT.DATEKEY

