## 2. Create Materialized View for 2012 Shipments

Write a CREATE MATERIALIZED VIEW statement according to the following specifications:

* The result should contain the sum of the extended cost, the sum of the quantity, and the count of inventory transactions.
* These calculated amounts should be summarized by the customer vendor key and the date key.
* The result should include only sales shipment transactions (transaction type 5) for the year 2012.
* The materialized view should not contain subtotals that are created by the CUBE and the ROLLUP keywords.
* To make the peer assessment easier, you should name your materialized view “SalesByVendorDateKeyMV2012”.

**Answer:**

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| CREATE MATERIALIZED VIEW SALESBYVENDORDATEKEYMV2012 |
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| BUILD IMMEDIATE |
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| REFRESH COMPLETE ON DEMAND |
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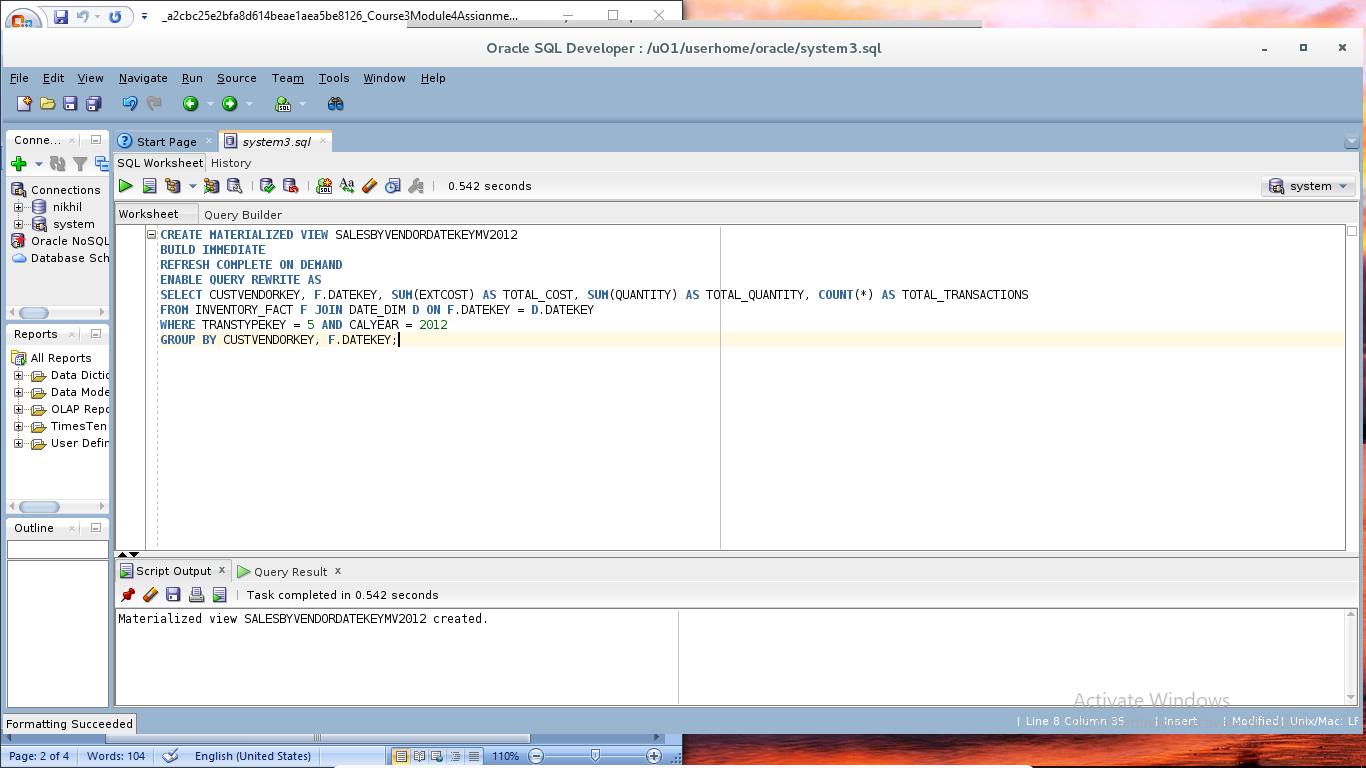
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| ENABLE QUERY REWRITE AS |
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| SELECT CUSTVENDORKEY, F.DATEKEY, SUM(EXTCOST) AS TOTAL\_COST, SUM(QUANTITY) AS TOTAL\_QUANTITY, COUNT(\*) AS TOTAL\_TRANSACTIONS |
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| FROM INVENTORY\_FACT F JOIN DATE\_DIM D ON F.DATEKEY = D.DATEKEY |
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| WHERE TRANSTYPEKEY = 5 AND CALYEAR = 2012 |
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GROUP BY CUSTVENDORKEY, F.DATEKEY;

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