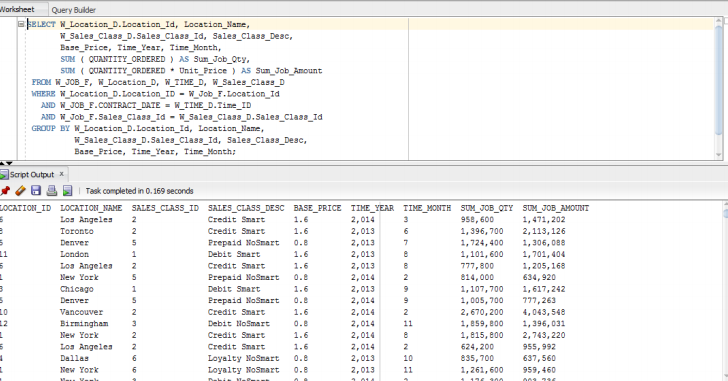
1.

SELECT

W\_Location\_D.Location\_Id, Location\_Name, W\_Sales\_Class\_D.Sales\_Class\_Id, Sales\_Class\_Desc, Base\_Price, Time\_Year, Time\_Month, SUM ( QUANTITY\_ORDERED ) AS Sum\_Job\_Qty, SUM ( QUANTITY\_ORDERED \* Unit\_Price ) AS Sum\_Job\_Amount FROM W\_JOB\_F, W\_Location\_D, W\_TIME\_D, W\_Sales\_Class\_D

WHERE W\_Location\_D.Location\_ID = W\_Job\_F.Location\_Id AND W\_JOB\_F.CONTRACT\_DATE = W\_TIME\_D.Time\_ID AND W\_Job\_F.Sales\_Class\_Id = W\_Sales\_Class\_D.Sales\_Class\_Id

GROUP BY W\_Location\_D.Location\_Id, Location\_Name, W\_Sales\_Class\_D.Sales\_Class\_Id, Sales\_Class\_Desc, Base\_Price, Time\_Year, Time\_Month;

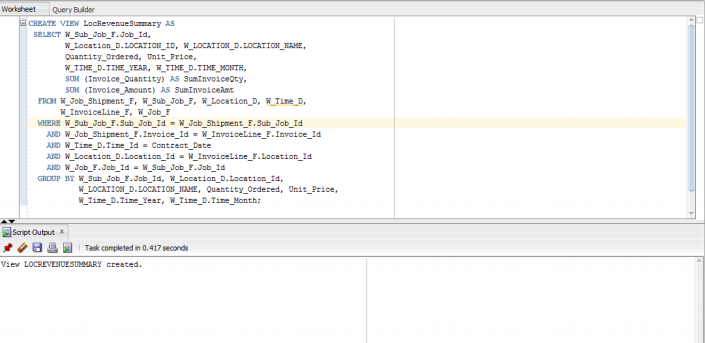


2.

CREATE VIEW LocRevenueSummary AS

SELECT W\_Sub\_Job\_F.Job\_Id, W\_Location\_D.LOCATION\_ID, W\_LOCATION\_D.LOCATION\_NAME, Quantity\_Ordered, Unit\_Price, W\_TIME\_D.TIME\_YEAR, W\_TIME\_D.TIME\_MONTH, SUM (Invoice\_Quantity) AS SumInvoiceQty, SUM (Invoice\_Amount) AS SumInvoiceAmt

FROM W\_Job\_Shipment\_F, W\_Sub\_Job\_F, W\_Location\_D, W\_Time\_D, W\_InvoiceLine\_F, W\_Job\_F WHERE W\_Sub\_Job\_F.Sub\_Job\_Id = W\_Job\_Shipment\_F.Sub\_Job\_Id AND W\_Job\_Shipment\_F.Invoice\_Id = W\_InvoiceLine\_F.Invoice\_Id AND W\_Time\_D.Time\_Id = Contract\_Date AND W\_Location\_D.Location\_Id = W\_InvoiceLine\_F.Location\_Id AND W\_Job\_F.Job\_Id = W\_Sub\_Job\_F.Job\_Id GROUP BY W\_Sub\_Job\_F.Job\_Id, W\_Location\_D.Location\_Id, W\_LOCATION\_D.LOCATION\_NAME, Quantity\_Ordered, Unit\_Price, W\_Time\_D.Time\_Year, W\_Time\_D.Time\_Month;



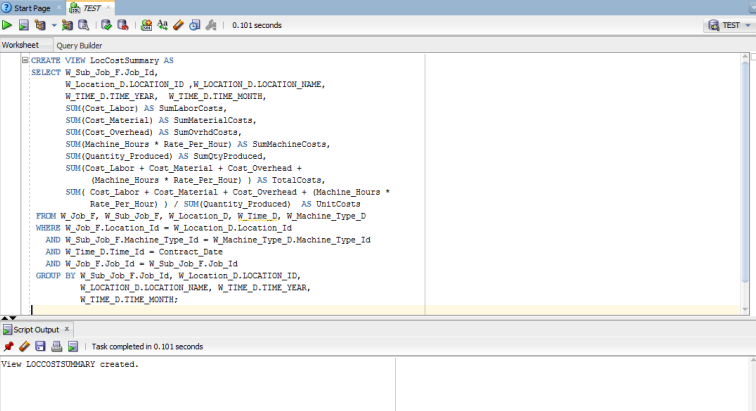
3.

CREATE VIEW LocCostSummary AS

SELECT W\_Sub\_Job\_F.Job\_Id, W\_Location\_D.LOCATION\_ID ,W\_LOCATION\_D.LOCATION\_NAME, W\_TIME\_D.TIME\_YEAR, W\_TIME\_D.TIME\_MONTH, SUM(Cost\_Labor) AS SumLaborCosts, SUM(Cost\_Material) AS SumMaterialCosts, SUM(Cost\_Overhead) AS SumOvrhdCosts, SUM(Machine\_Hours \* Rate\_Per\_Hour) AS SumMachineCosts, SUM(Quantity\_Produced) AS SumQtyProduced, SUM(Cost\_Labor + Cost\_Material + Cost\_Overhead + (Machine\_Hours \* Rate\_Per\_Hour) ) AS TotalCosts, SUM( Cost\_Labor + Cost\_Material + Cost\_Overhead + (Machine\_Hours \* Rate\_Per\_Hour) ) / SUM(Quantity\_Produced) AS UnitCosts FROM W\_Job\_F, W\_Sub\_Job\_F, W\_Location\_D, W\_Time\_D, W\_Machine\_Type\_D

WHERE W\_Job\_F.Location\_Id = W\_Location\_D.Location\_Id AND W\_Sub\_Job\_F.Machine\_Type\_Id = W\_Machine\_Type\_D.Machine\_Type\_Id AND W\_Time\_D.Time\_Id = Contract\_Date AND W\_Job\_F.Job\_Id = W\_Sub\_Job\_F.Job\_Id

GROUP BY W\_Sub\_Job\_F.Job\_Id, W\_Location\_D.LOCATION\_ID, W\_LOCATION\_D.LOCATION\_NAME, W\_TIME\_D.TIME\_YEAR, W\_TIME\_D.TIME\_MONTH;

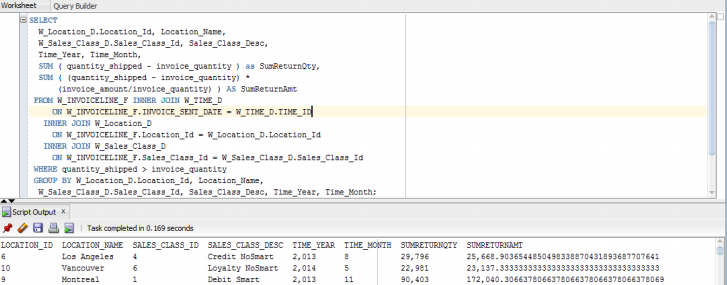


4.

SELECT W\_Location\_D.Location\_Id, Location\_Name, W\_Sales\_Class\_D.Sales\_Class\_Id, Sales\_Class\_Desc, Time\_Year, Time\_Month, SUM ( quantity\_shipped - invoice\_quantity ) as SumReturnQty, SUM ( (quantity\_shipped - invoice\_quantity) \* (invoice\_amount/invoice\_quantity) ) AS SumReturnAmt FROM W\_INVOICELINE\_F INNER JOIN W\_TIME\_D ON W\_INVOICELINE\_F.INVOICE\_SENT\_DATE = W\_TIME\_D.TIME\_ID INNER JOIN W\_Location\_D ON W\_INVOICELINE\_F.Location\_Id = W\_Location\_D.Location\_Id INNER JOIN W\_Sales\_Class\_D ON W\_INVOICELINE\_F.Sales\_Class\_Id = W\_Sales\_Class\_D.Sales\_Class\_Id

WHERE quantity\_shipped > invoice\_quantity

GROUP BY W\_Location\_D.Location\_Id, Location\_Name, W\_Sales\_Class\_D.Sales\_Class\_Id, Sales\_Class\_Desc, Time\_Year, Time\_Month;

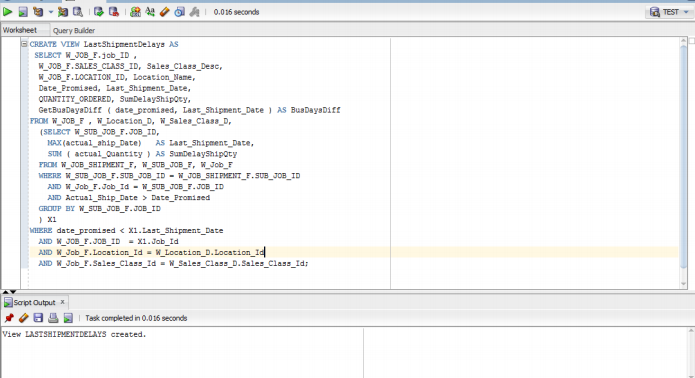


5.

CREATE VIEW LastShipmentDelays AS SELECT W\_JOB\_F.job\_ID , W\_JOB\_F.SALES\_CLASS\_ID, Sales\_Class\_Desc, W\_JOB\_F.LOCATION\_ID, Location\_Name, Date\_Promised, Last\_Shipment\_Date, QUANTITY\_ORDERED, SumDelayShipQty, GetBusDaysDiff ( date\_promised, Last\_Shipment\_Date ) AS BusDaysDiff FROM W\_JOB\_F , W\_Location\_D, W\_Sales\_Class\_D, (SELECT W\_SUB\_JOB\_F.JOB\_ID, MAX(actual\_ship\_Date) AS Last\_Shipment\_Date, SUM ( actual\_Quantity ) AS SumDelayShipQty FROM W\_JOB\_SHIPMENT\_F, W\_SUB\_JOB\_F, W\_Job\_F

WHERE W\_SUB\_JOB\_F.SUB\_JOB\_ID = W\_JOB\_SHIPMENT\_F.SUB\_JOB\_ID AND W\_Job\_F.Job\_Id = W\_SUB\_JOB\_F.JOB\_ID AND Actual\_Ship\_Date > Date\_Promised

GROUP BY W\_SUB\_JOB\_F.JOB\_ID ) X1 WHERE date\_promised < X1.Last\_Shipment\_Date AND W\_JOB\_F.JOB\_ID = X1.Job\_Id AND W\_Job\_F.Location\_Id = W\_Location\_D.Location\_Id AND W\_Job\_F.Sales\_Class\_Id = W\_Sales\_Class\_D.Sales\_Class\_Id;



6.

CREATE VIEW FirstShipmentDelays AS

SELECT W\_JOB\_F.job\_ID, W\_JOB\_F.SALES\_CLASS\_ID, Sales\_Class\_Desc, W\_JOB\_F.LOCATION\_ID, Location\_Name, Date\_Ship\_By, FirstShipDate, GetBusDaysDiff ( date\_ship\_By, FirstShipDate ) AS BusDaysDiff

FROM W\_JOB\_F , W\_Location\_D, W\_Sales\_Class\_D, (SELECT W\_SUB\_JOB\_F.JOB\_ID, MIN(actual\_ship\_Date) as FirstShipDate FROM W\_JOB\_SHIPMENT\_F, W\_SUB\_JOB\_F

WHERE W\_SUB\_JOB\_F.SUB\_JOB\_ID = W\_JOB\_SHIPMENT\_F.SUB\_JOB\_ID GROUP BY W\_SUB\_JOB\_F.JOB\_ID ) X1 WHERE date\_ship\_By < X1.FirstShipDate AND W\_JOB\_F.JOB\_ID = X1.Job\_Id AND W\_Job\_F.Location\_Id = W\_Location\_D.Location\_Id AND W\_Job\_F.Sales\_Class\_Id = W\_Sales\_Class\_D.Sales\_Class\_Id;

