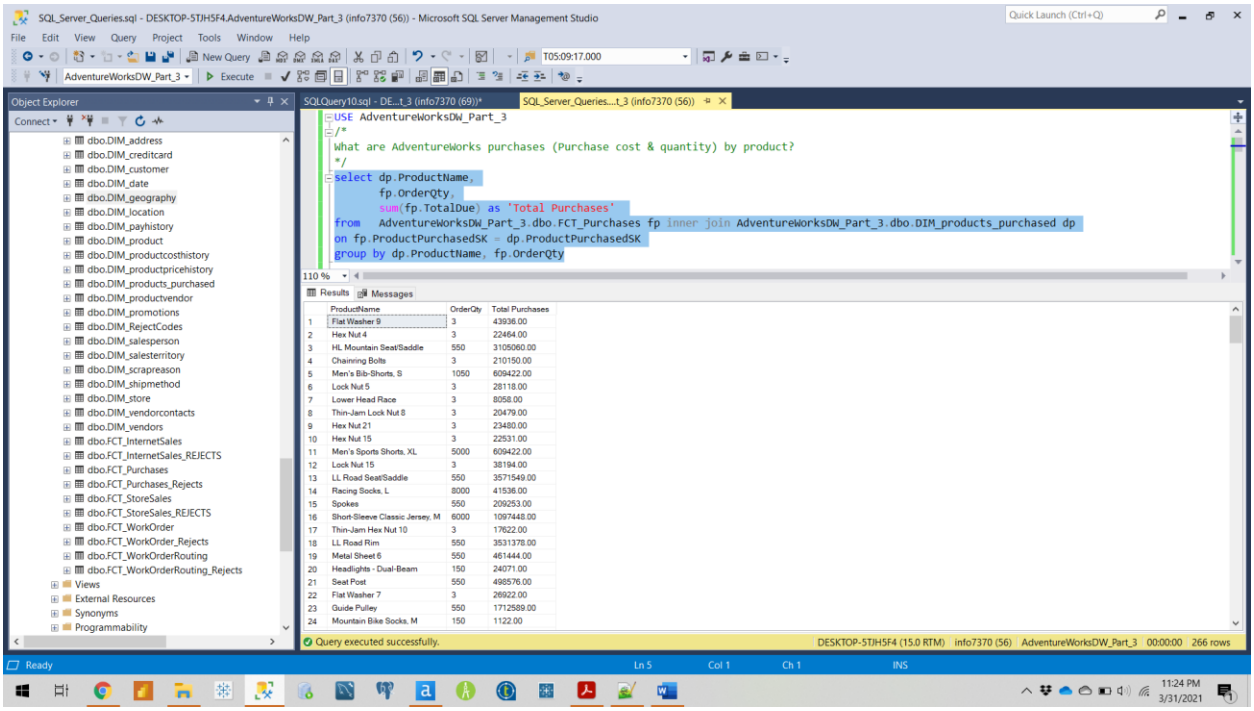
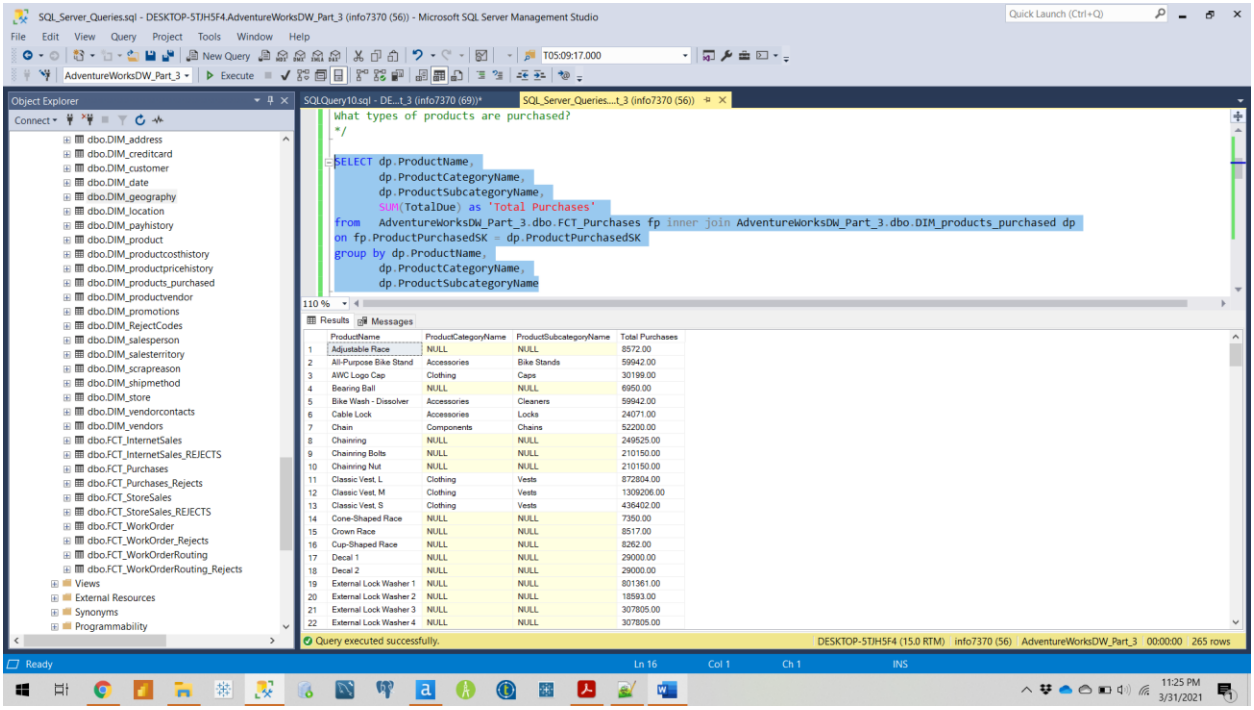
```
/*
What are AdventureWorks purchases (Purchase cost & quantity) by product?
*/

select
dp.ProductName,
p.OrderQty,
sum(fp.TotalDue) as 'Total Purchases'
from   AdventureWorksDW_Part_3.dbo.FCT_Purchases fp inner join
AdventureWorksDW_Part_3.dbo.DIM_products_purchased dp
on fp.ProductPurchasedSK = dp.ProductPurchasedSK
group by dp.ProductName, fp.OrderQty
```



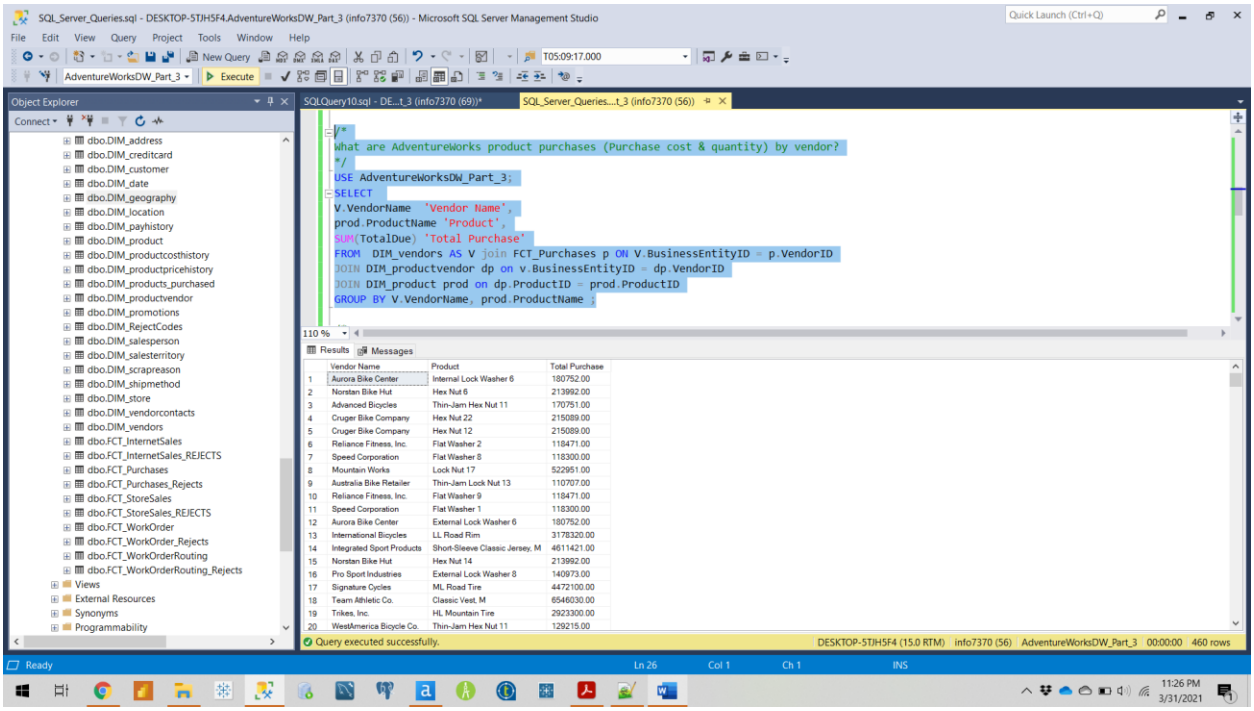
```
/*What types of products are purchased?*/

SELECT
dp.ProductName,
dp.ProductCategoryName,
dp.ProductSubcategoryName,
SUM(TotalDue) as 'Total Purchases'
from   AdventureWorksDW_Part_3.dbo.FCT_Purchases fp inner join
AdventureWorksDW_Part_3.dbo.DIM_products_purchased dp
on fp.ProductPurchasedSK = dp.ProductPurchasedSK
group by dp.ProductName,
         dp.ProductCategoryName,
         dp.ProductSubcategoryName
```



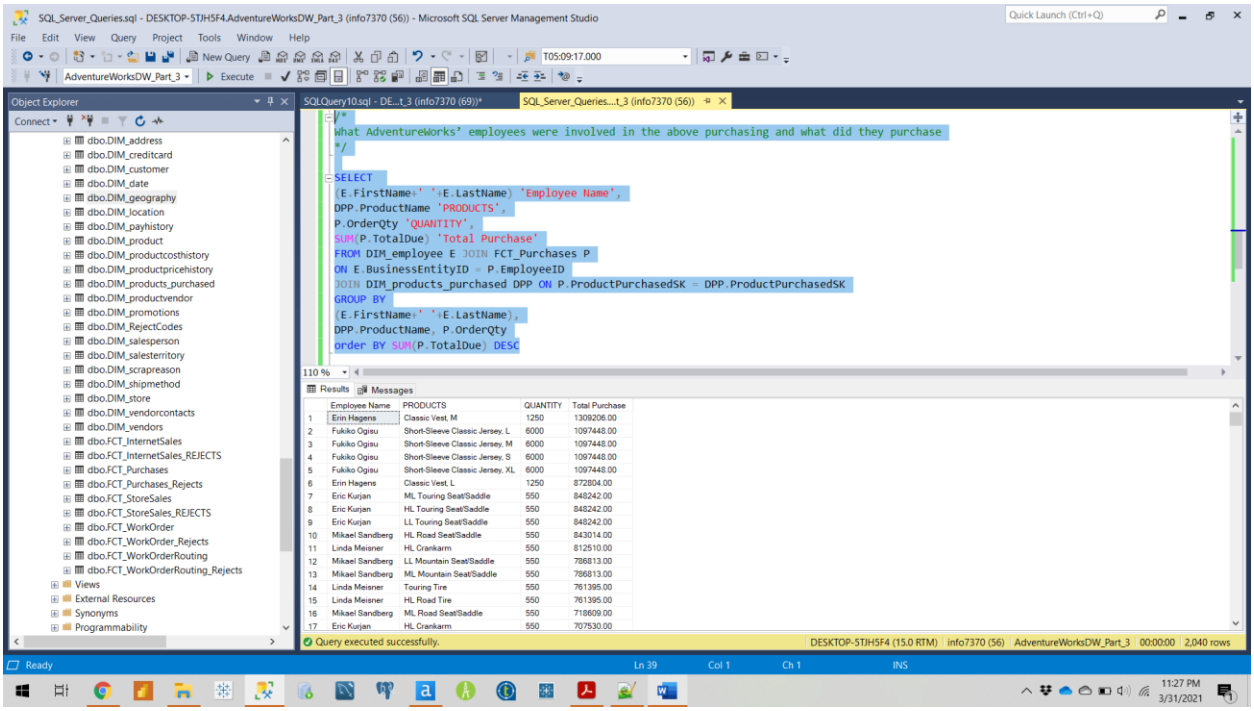
/* What are AdventureWorks product purchases (Purchase cost & quantity) by vendor?*/

```
USE AdventureWorksDW_Part_3;
SELECT
V.VendorName  'Vendor Name',
prod.ProductName 'Product',
SUM(TotalDue) 'Total Purchase'
FROM  DIM_vendors AS V join FCT_Purchases p ON V.BusinessEntityID = p.VendorID
JOIN DIM_productvendor dp on v.BusinessEntityID = dp.VendorID
JOIN DIM_product prod on dp.ProductID = prod.ProductID
GROUP BY V.VendorName, prod.ProductName ;
```



```
/*
What AdventureWorks' employees were involved in the above purchasing and what did they purchase
*/

SELECT
(E.FirstName+' '+E.LastName) 'Employee Name',
DPP.ProductName 'PRODUCTS',
P.OrderQty 'QUANTITY',
SUM(P.TotalDue) 'Total Purchase'
FROM DIM_employee E JOIN FCT_Purchases P
ON E.BusinessEntityID = P.EmployeeID
JOIN DIM_products_purchased DPP ON P.ProductPurchasedSK =
DPP.ProductPurchasedSK
GROUP BY
(E.FirstName+' '+E.LastName),
DPP.ProductName, P.OrderQty
order BY SUM(P.TotalDue) DESC
```



```
/*
What vendors' contacts were involved in the above purchasing and what did they
purchase
*/

SELECT
(vc.FirstName+' '+vc.LastName) 'Vendor Name',
DPP.ProductName 'PRODUCTS',
vc.ContactType 'Contact Type',
P.OrderQty 'QUANTITY',
SUM(P.TotalDue) 'Total Purchase'
FROM DIM_vendorcontacts vc JOIN FCT_Purchases P
ON vc.Vendor_BusinessEntityID = P.VendorID
JOIN DIM_products_purchased DPP ON P.ProductPurchasedSK =
DPP.ProductPurchasedSK
GROUP BY
(vc.FirstName+' '+vc.LastName),
DPP.ProductName, P.OrderQty, vc.ContactType
order BY SUM(P.TotalDue) DESC
```