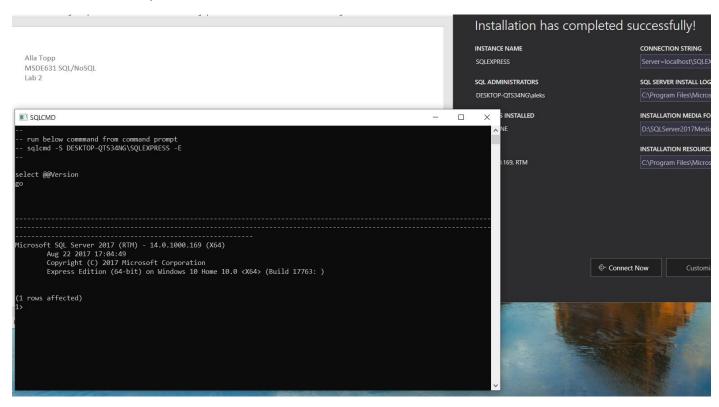
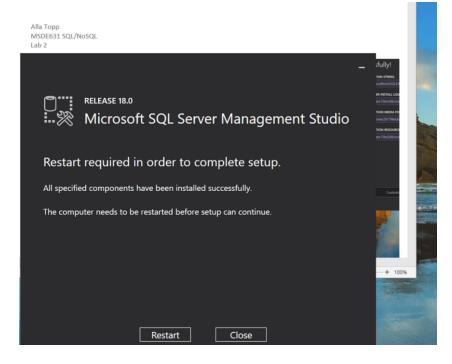
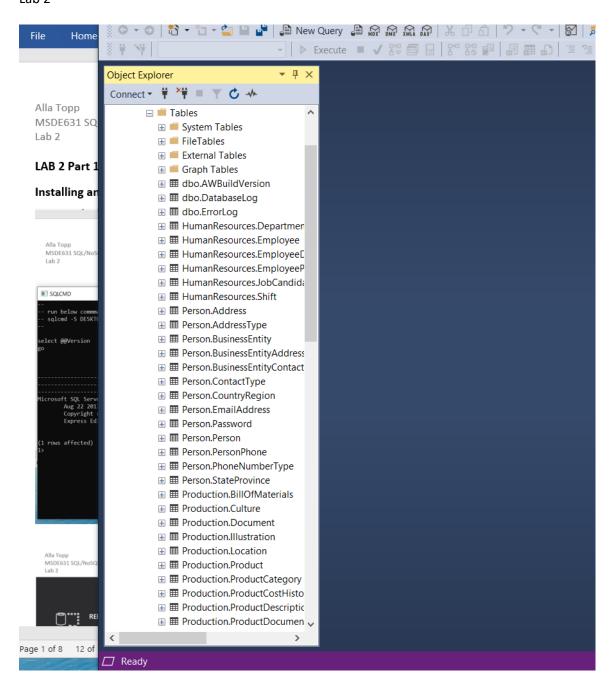
LAB 2 Part 1. Installing and using the MS SQL Server environment

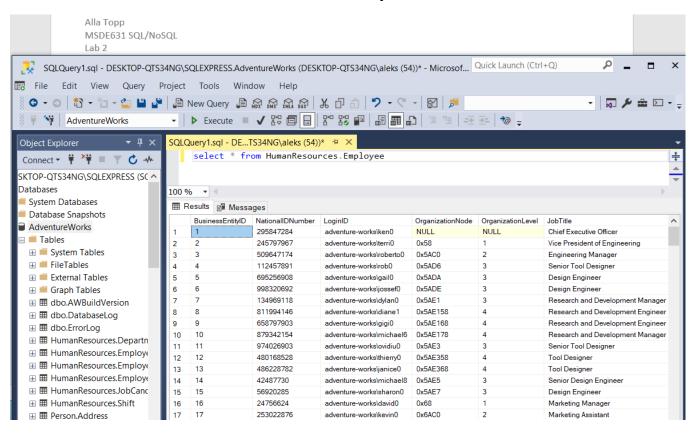
Installation of MS SQL Server.

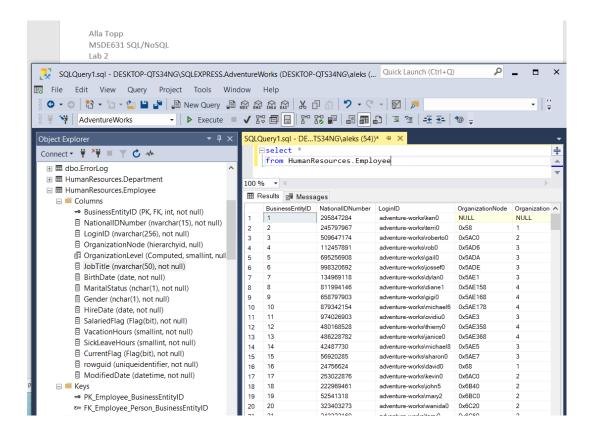




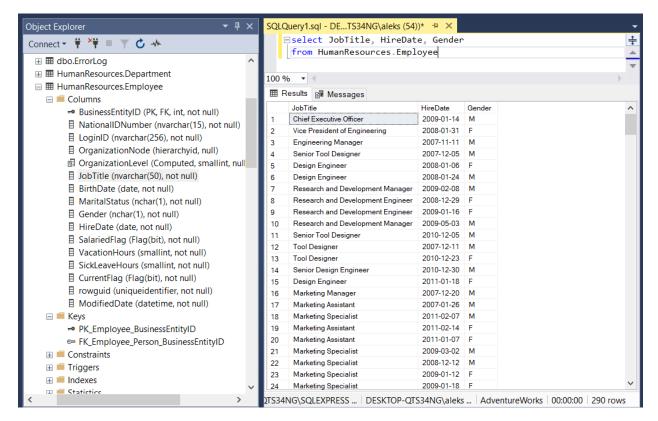


LAB 2 Part 2. Query MS SQL Server

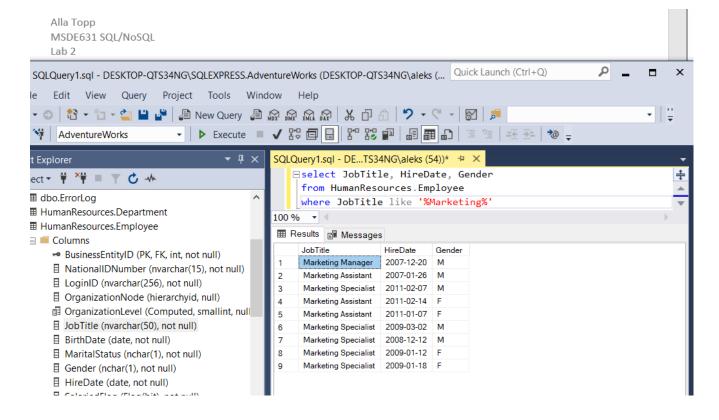




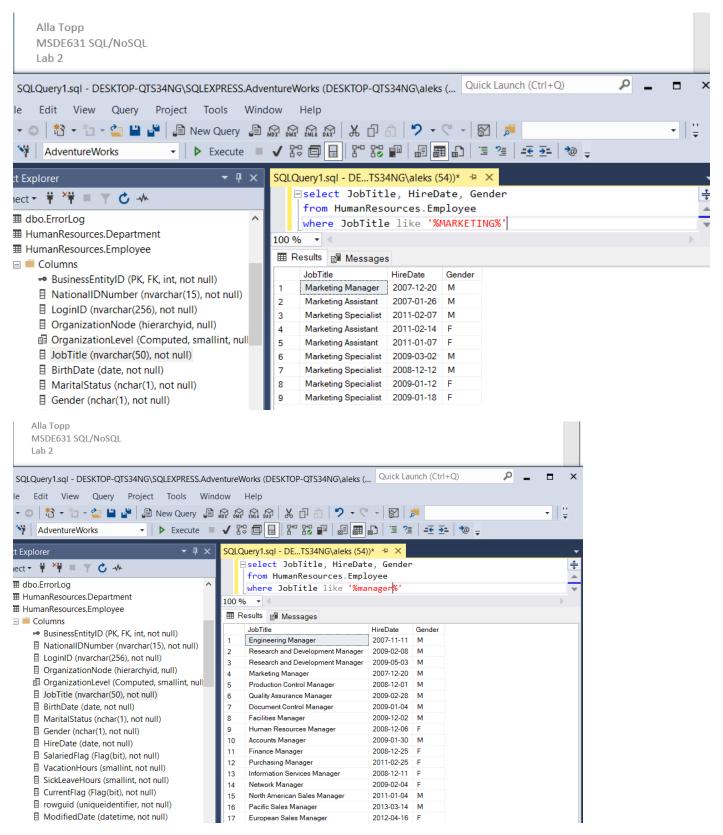
We will change the asterisk in the query to column names of JobTitle, HireDate and Gender.



We added a where clause for JobTitle like '%Marketing%'

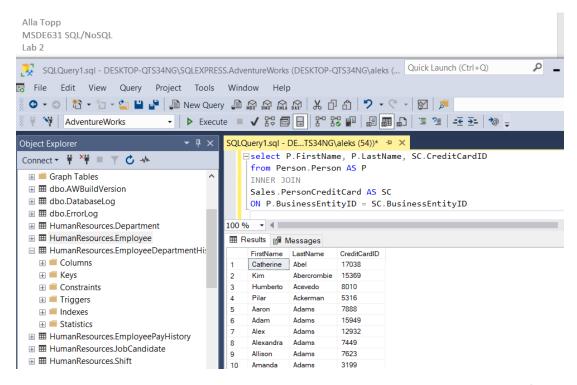


Change the word Marketing to upper case. We see no difference. Transact SQL does not care about the case of the text for the comparison and compares upper case and lower case.

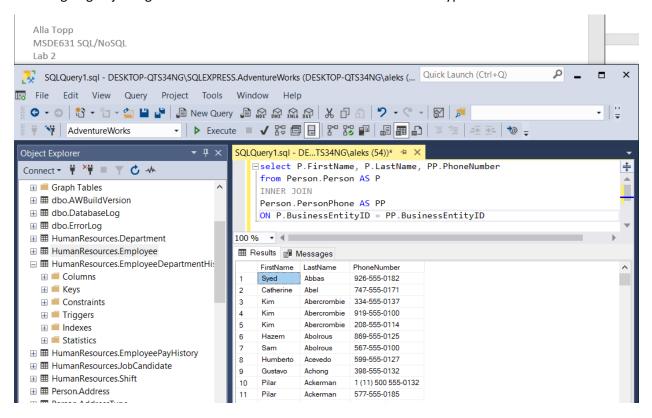


Join Tables

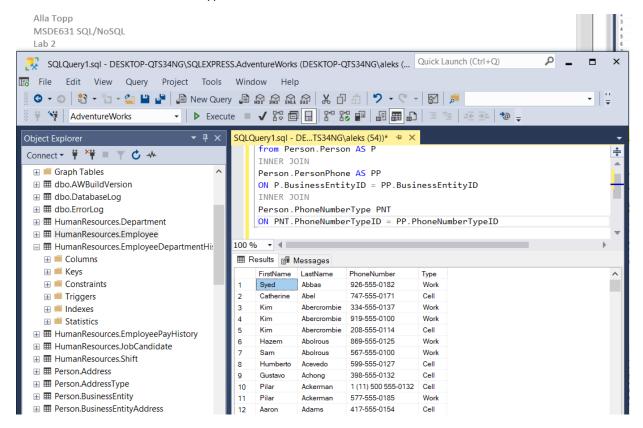
We can join the three tables of Department, Employee and EmployeeDepartmentHistory using the following SOL.



We are going to join against another table called Person.PhoneNumberType instead of CreditCardID.



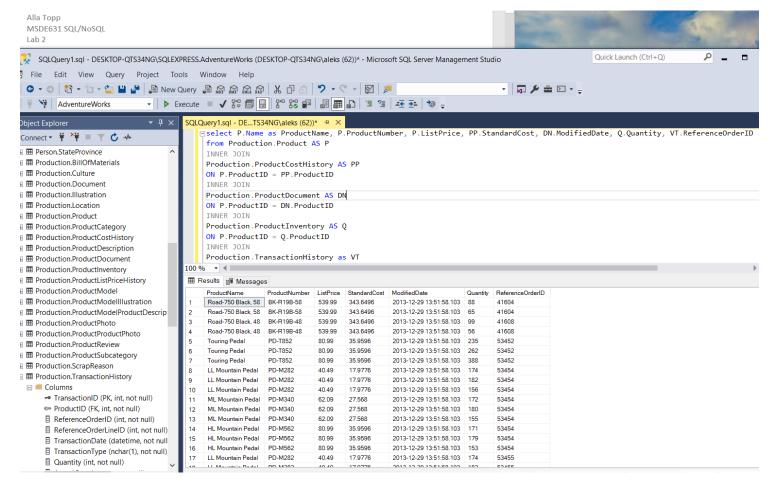
Next, we added another column Name Type and called the column Type, so it is clearer because we already have a person's name. My screenshot does not show the first line of the code, it should be select P.FirstName, P.LastName, PP.PhoneNumber, PNT .Name Type.



Assignment:

At this point, you will create your own query that will join 5 tables together. The Production.Product has four foreign keys as shown below. Write a query that joins the Product table with the four other tables using INNER JOINS. Select the columns from other tables that will validate that the joins to all four tables are working correctly; make the query results make sense. Include the Product name, Product Number, and ListPrice as part of the result set (plus at least one other column from the four other tables).

Alla Topp MSDE631 SQL/NoSQL Lab 2



Here I created 7 columns(ProductName, ProductNumber, ListPrice, StandardCost, ModifiedDate, Quantity and ReferenceOrderID) by joining 5 tables Production. Product, Production. ProductCostHistory, Production. ProductDocument, ProductInventory and Production. Transaction History. All of the tables were joined based on the ProductID key.