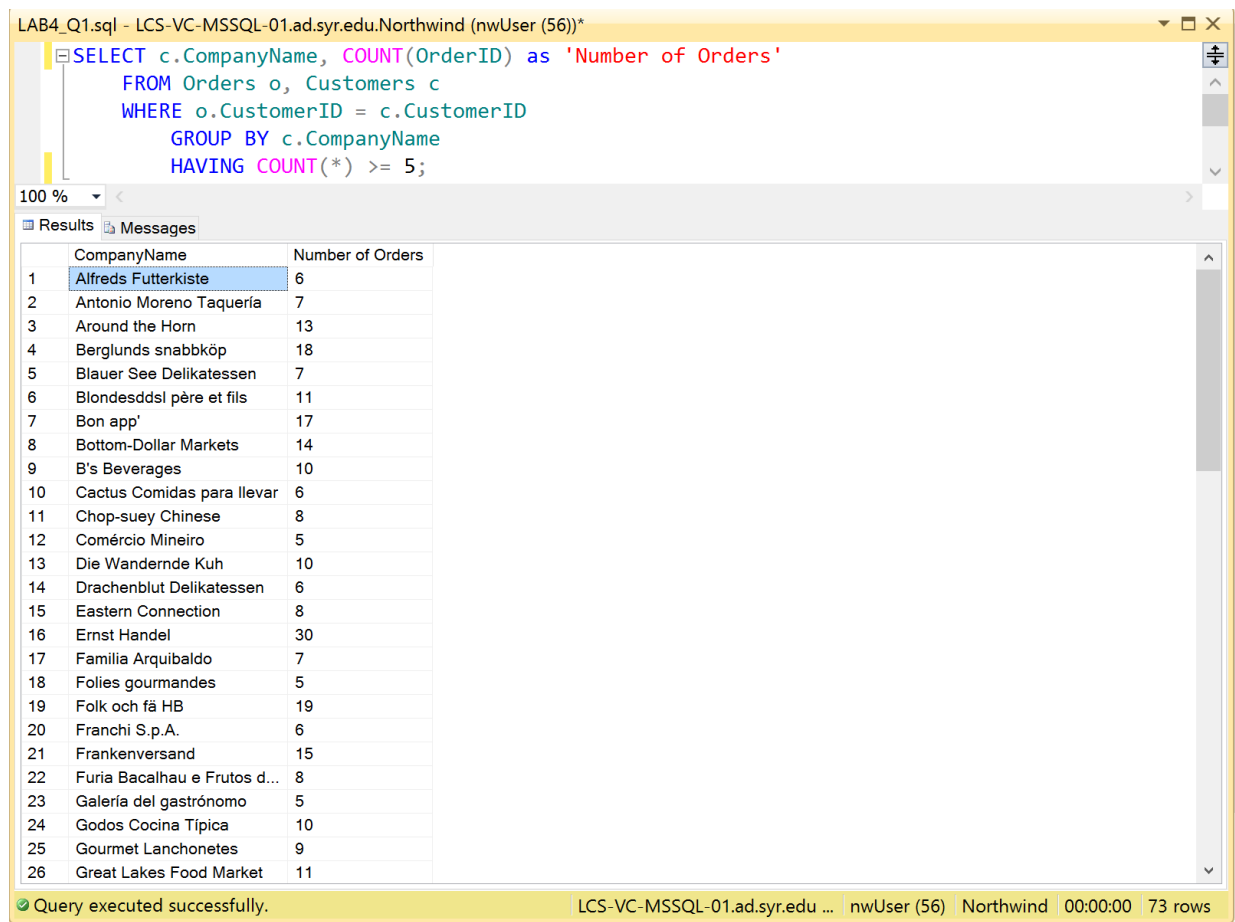


Lab 4: More Advanced Selects

1. List all company names and number of orders they placed, for companies that placed 5 or more orders.

Ans:

```
SELECT c.CompanyName, COUNT(OrderID) as 'Number of Orders'
FROM Orders o, Customers c
WHERE o.CustomerID = c.CustomerID
GROUP BY c.CompanyName
HAVING COUNT(*) >= 5;
```



The screenshot shows a SQL Server Enterprise Manager window with a query executed successfully. The query is displayed in the top pane, and the results are shown in the bottom pane. The results table has two columns: 'CompanyName' and 'Number of Orders'. The data is sorted by the number of orders in descending order.

	CompanyName	Number of Orders
1	Alfreds Futterkiste	6
2	Antonio Moreno Taquería	7
3	Around the Horn	13
4	Berglunds snabbköp	18
5	Blauer See Delikatessen	7
6	Blondesddsl père et fils	11
7	Bon app'	17
8	Bottom-Dollar Markets	14
9	B's Beverages	10
10	Cactus Comidas para llevar	6
11	Chop-suey Chinese	8
12	Comércio Mineiro	5
13	Die Wandernde Kuh	10
14	Drachenblut Delikatessen	6
15	Eastern Connection	8
16	Ernst Handel	30
17	Familia Arquibaldo	7
18	Folies gourmandes	5
19	Folk och få HB	19
20	Franchi S.p.A.	6
21	Frankenversand	15
22	Furia Bacalhau e Frutos d...	8
23	Galería del gastrónomo	5
24	Godos Cocina Típica	10
25	Gourmet Lanchonetes	9
26	Great Lakes Food Market	11

Query executed successfully. LCS-VC-MSSQL-01.ad.syr.edu ... nwUser (56) Northwind 00:00:00 73 rows

2. List all employees (names and IDs only) and their corresponding managers (names only).

Ans:

```
SELECT a.EmployeeID, a.LastName, a.FirstName, b.FirstName AS 'Corresponding Manager'
FROM Employees a LEFT OUTER JOIN Employees b
ON a.ReportsTo = b.EmployeeID;
```

LAB4_Q2.sql - LCS-VC-MSSQL-01.ad.syr.edu.Northwind (nwUser (59))

```
SELECT a.EmployeeID, a.LastName, a.FirstName, b.FirstName AS 'Corresponding Manager'
FROM Employees a LEFT OUTER JOIN Employees b
ON a.ReportsTo = b.EmployeeID;
```

100 %

Results Messages

	EmployeeID	LastName	FirstName	Corresponding Manager
1	1	Davolio	Nancy	Andrew
2	2	Fuller	Andrew	NULL
3	3	Leverling	Janet	Andrew
4	4	Peacock	Margaret	Andrew
5	5	Buchanan	Steven	Andrew
6	6	Suyama	Michael	Steven
7	7	King	Robert	Steven
8	8	Callahan	Laura	Andrew
9	9	Dodsworth	Anne	Steven

Query executed successfully. LCS-VC-MSSQL-01.ad.syr.edu ... nwUser (59) Northwind 00:00:00 9 rows