SURUCHI SINGH SUID: 755238759

Lab 3: Selects with Joins

1. List all orders and their corresponding order details.

Ans: SELECT *

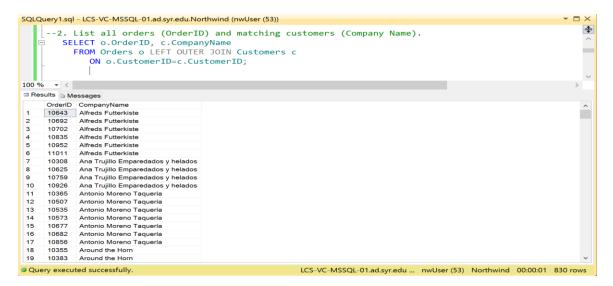
FROM Orders LEFT OUTER JOIN [Order Details]

ON Orders.OrderID=[Order Details].OrderID;

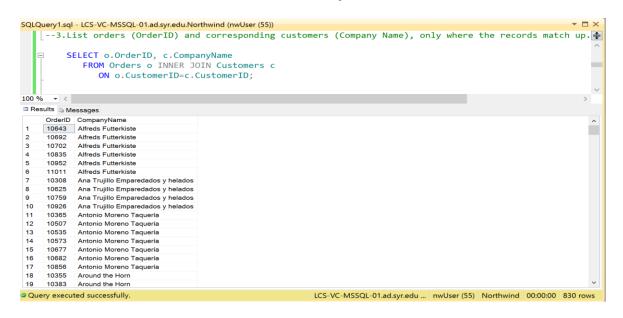
```
SQLQuery1.sql - LCS-VC-MSSQL-01.ad.syr.edu.Northwind (nwUser (53))*
     □SELECT *
                                                                                                                                                  ÷
                   FROM Orders LEFT OUTER JOIN [Order Details]
                       ON Orders.OrderID=[Order Details].OrderID;
100 %
 🗆 Results 🗓 Messages
       OrderID CustomerID
                             EmployeeID OrderDate
                                                                     RequiredDate
                                                                                              ShippedDate
1996-07-16 00:00:00.000
                                                                                                                                         ShipNa
                                           1996-07-04 00:00:00.000
                                                                     1996-08-01 00:00:00.000
                                                                                                                                          Vins et
       10248
                 VINET
                                           1996-07-04 00:00:00.000
                                                                     1996-08-01 00:00:00.000
                                                                                               1996-07-16 00:00:00.000
                                                                                                                                  32.38
                                                                                                                                          Vins et
                                                                     1996-08-01 00:00:00.000
1996-08-16 00:00:00.000
                                                                                               1996-07-16 00:00:00.000
1996-07-10 00:00:00.000
        10248
                                            1996-07-04 00:00:00 000
       10249
                 TOMSP
                                           1996-07-05 00:00:00.000
                                                                                                                                  11.61
                                                                                                                                          Toms 5
       10249
                 TOMSP
                                           1996-07-05 00:00:00.000
                                                                     1996-08-16 00:00:00.000
                                                                                               1996-07-10 00:00:00.000
                                                                                                                                  11.61
                                                                                                                                          Toms 5
        10250
                 HANAR
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                               1996-07-12 00:00:00.000
       10250
                 HANAR
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                               1996-07-12 00:00:00.000
                                                                                                                                  65.83
                                                                                                                                          Hanari
       10250
                HANAR
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                               1996-07-12 00:00:00.000
                                                                                                                                  65.83
                                                                                                                                          Hanari
        10251
                 VICTE
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                               1996-07-15 00:00:00.000
                                                                                                                                          Victuail
 10
       10251
                 VICTE
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                               1996-07-15 00:00:00.000
                                                                                                                                  41.34
                                                                                                                                          Victuail
       10251
10252
                VICTE
SUPRD
                                                                                               1996-07-15 00:00:00.000
1996-07-11 00:00:00.000
                                                                                                                                 41.34
51.30
 11
12
                                           1996-07-08 00:00:00.000
                                                                     1996-08-05 00:00:00.000
                                                                                                                                          Victuail
                                           1996-07-09 00:00:00.000
                                                                     1996-08-06 00:00:00.000
                                                                                                                                          Suprên
 13
14
15
       10252
                 SUPRD
                                           1996-07-09 00:00:00.000
                                                                     1996-08-06 00:00:00.000
                                                                                               1996-07-11 00:00:00.000
                                                                                                                                  51.30
                                                                                                                                          Suprên
                 SUPRD
                                           1996-07-09 00:00:00.000
                                                                     1996-08-06 00:00:00.000
                                                                                               1996-07-11 00:00:00.000
                                                                                                                                          .
Suprên
                 HANAR
                                                                                               1996-07-16 00:00:00.000
       10253
                                           1996-07-10 00:00:00.000
                                                                     1996-07-24 00:00:00.000
                                                                                                                                  58.17
                                                                                                                                          Hanari
 16
17
       10253
                 HANAR
                                           1996-07-10 00:00:00.000
                                                                     1996-07-24 00:00:00.000
                                                                                               1996-07-16 00:00:00.000
                                                                                                                                  58.17
                                                                                                                                          Hanari
       10253
                 HANAR
                                           1996-07-10 00:00:00.000
                                                                     1996-07-24 00:00:00.000
                                                                                               1996-07-16 00:00:00.000
                                                                                                                                  58.17
                                                                                                                                          Hanari
 18
       10254
                CHOPS
                                           1996-07-11 00:00:00.000
                                                                     1996-08-08 00:00:00.000
                                                                                               1996-07-23 00:00:00.000
                                                                                                                                  22.98
                                                                                                                                          Chop-s
 19
20
        10254
                 снорѕ
                                           1996-07-11 00:00:00.000
                                                                     1996-08-08 00:00:00.000
                                                                                               1996-07-23 00:00:00.000
                                                                                                                                          Chop-s
                                                                                               1996-07-23 00:00:00.000
       10254
                 CHOPS
                                           1996-07-11 00:00:00.000
                                                                     1996-08-08 00:00:00.000
                                                                                                                                  22.98
                                                                                                                                          Chop-s
 21
       10255
                 RICSU
                                           1996-07-12 00:00:00.000
                                                                     1996-08-09 00:00:00.000
                                                                                               1996-07-15 00:00:00.000
                                                                                                                                  148...
                                                                                                                                          Richter
                                                                     1996-08-09 00:00:00.000
        10255
                                           1996-07-12 00:00:00.000
                                                                                               1996-07-15 00:00:00.000
 23
       10255
                RICSU
                                           1996-07-12 00:00:00.000
                                                                     1996-08-09 00:00:00.000
                                                                                              1996-07-15 00:00:00.000
                                                                                                                                  148...
                                                                                                                                          Richter
 Query executed successfully
                                                              LCS-VC-MSSQL-01.ad.syr.edu ... nwUser (53) Northwind 00:00:00 2155 rows
```

2. List all orders (OrderID) and matching customers (Company Name).

Ans: SELECT o.OrderID, c.CompanyName
FROM Orders o LEFT OUTER JOIN Customers c
ON o.CustomerID=c.CustomerID;

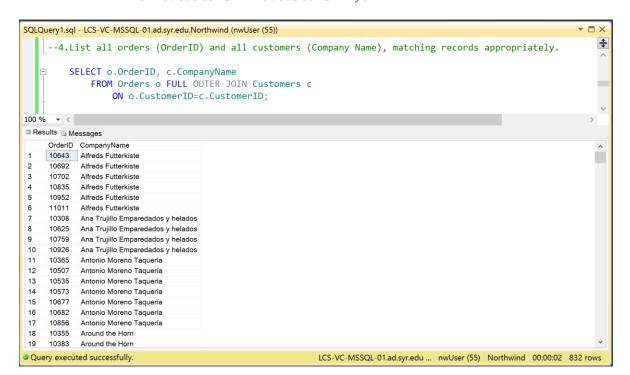


3. List orders (OrderID) and corresponding customers (Company Name), only where the records match up.



4. List all orders (OrderID) and all customers (Company Name), matching records appropriately.

Ans: SELECT o.OrderID, c.CompanyName
FROM Orders o FULL OUTER JOIN Customers c
ON o.CustomerID=c.CustomerID;s



5. List matching orders (OrderID) and all customers (Company Name).

Ans: SELECT o.OrderID, c.CompanyName
FROM Orders o RIGHT OUTER JOIN Customers c
ON o.CustomerID=c.CustomerID;

