

## ISQS 3348

### Individual Assignment-3 (IA-3)

#### Selecting, Filtering, Sorting

This is an individual assignment, and as such please submit your own work. Submit your answers as a **Word file** to the Blackboard course website by the due date. Use the following diagram and the *sql\_practice* database on the Blackboard course site.

1. Which shippers do we have? We have a table called *shippers*. Return all the fields from all the shippers.

The screenshot shows a SQL query editor with the following code:

```
1 • use sql_practice;
2
3 # 1. Which shippers do we have? We have a table called shippers. Return all the fields from all the shippers.
4 • select * from
5     shippers;
6
```

Below the editor is a toolbar with icons for saving, undo, redo, and other functions. The 'Result Grid' tab is active, displaying the following table:

ShipperID	CompanyName	Phone
1	Speedy Express	(503) 555-9831
2	United Package	(503) 555-3199
3	Federal Shipping	(503) 555-9931
NULL	NULL	NULL

2. What are the names (first and last) and hire dates of all the employees with the title of *Sales Representative* and who are located in the *USA*?

The screenshot shows a SQL query editor with the following code:

```
7 # 2. What are the names (first and last) and hire dates of all the employees with
8 # the title of Sales Representative and who are located in the USA?
9 • select FirstName, LastName, HireDate from
10     employees
11     where Country = "USA" and Title = "Sales Representative";
--
```

Below the editor is a toolbar with icons for saving, undo, redo, and other functions. The 'Result Grid' tab is active, displaying the following table:

FirstName	LastName	HireDate
Nancy	Davolio	2010-05-01 00:00:00.000000
Janet	Leverling	2010-04-01 00:00:00.000000
Margaret	Peacock	2011-05-03 00:00:00.000000

3. Show all the orders (include ID and order date) placed by a specific employee. The ID for this employee(Steven Buchanan) is 5.

The screenshot shows a SQL query editor with the following text:

```
13 #3. Show all the orders (include ID and order date) placed by a specific employee.
14 # The ID for this employee (Steven Buchanan) is 5.
15 • select OrderID, OrderDate from
16 orders
17 where EmployeeID = 5;
```

Below the editor is a "Result Grid" showing the results of the query. The grid has two columns: "OrderID" and "OrderDate".

OrderID	OrderDate
10248	2014-07-04 08:00:00.000000
10254	2014-07-11 02:00:00.000000
10269	2014-07-31 00:00:00.000000
10297	2014-09-04 21:00:00.000000
10320	2014-10-03 12:00:00.000000
10333	2014-10-18 18:00:00.000000
10358	2014-11-20 05:00:00.000000
10359	2014-11-21 14:00:00.000000
10372	2014-12-04 10:00:00.000000
10378	2014-12-10 00:00:00.000000
10397	2014-12-27 17:00:00.000000
10463	2015-03-04 13:00:00.000000

4. Show the ID, contact name, and contact title for those suppliers whose contact title is not *Marketing Manager*.

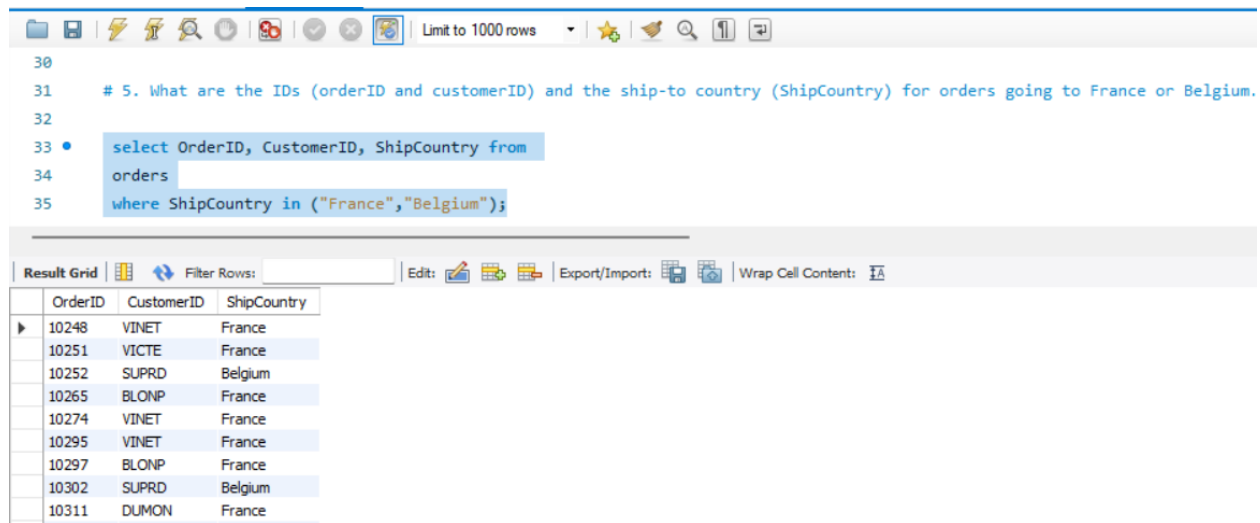
The screenshot shows a SQL query editor with the following text:

```
19 # 4. Show the ID, contact name, and contact title for those suppliers whose contact title is not Marketing Manager.
20
21 • select SupplierID, ContactName, ContactTitle from
22 suppliers
23 where ContactTitle != "Marketing Manager";
24
25 #or
26
27 • select SupplierID, ContactName, ContactTitle from
28 suppliers
29 where ContactTitle not like "Marketing Manager";
30
```

Below the editor is a "Result Grid" showing the results of the query. The grid has three columns: "SupplierID", "ContactName", and "ContactTitle".

SupplierID	ContactName	ContactTitle
1	Charlotte Cooper	Purchasing Manager
2	Shelley Burke	Order Administrator
3	Regina Murphy	Sales Representative
5	Antonio del Valle Saavedra	Export Administrator
6	Mayumi Ohno	Marketing Representative
8	Peter Wilson	Sales Representative
9	Lars Peterson	Sales Agent
11	Petra Winkler	Sales Manager
12	Martin Bein	International Marketing Mgr.
13	Sven Petersen	Coordinator Foreign Markets
14	Elio Rossi	Sales Representative
16	Cheryl Saylor	Regional Account Rep.

5. What are the IDs (orderID and customerID) and the ship-to country (ShipCountry) for orders going to *France* or *Belgium*.



The screenshot shows a database query editor interface. The top toolbar includes icons for file operations, a search icon, and a 'Limit to 1000 rows' dropdown. The query editor contains the following SQL code:

```
30
31 # 5. What are the IDs (orderID and customerID) and the ship-to country (ShipCountry) for orders going to France or Belgium.
32
33 • select OrderID, CustomerID, ShipCountry from
34 orders
35 where ShipCountry in ("France","Belgium");
```

Below the query editor is the 'Result Grid' section. It features a 'Filter Rows' input field, an 'Edit' button, an 'Export/Import' button, and a 'Wrap Cell Content' checkbox. The result grid displays the following data:

	OrderID	CustomerID	ShipCountry
▶	10248	VINET	France
	10251	VICTE	France
	10252	SUPRD	Belgium
	10265	BLONP	France
	10274	VINET	France
	10295	VINET	France
	10297	BLONP	France
	10302	SUPRD	Belgium
	10311	DUMON	France