

ISQS 3348

SQL Practice2 – Selecting, Filtering, and Sorting Data

Please submit your answers as a Word file to the Blackboard course site by the due time.
Please use the **sql_practice database** on the Blackboard course site.

For each question, please capture a screenshot/snippet containing 1) your SQL query and 2) the corresponding result, and copy the screenshot to this word file below each question.

1. List the name and description of all of the categories we have.

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

```
1 • use sql_practice;
2
3 #1. List the name and description of all of the categories we have.
4 • select categoryName, Description from
5 categories;
```

Below the query, the 'Result Grid' is displayed with the following data:

categoryName	Description
Beverages	Soft drinks, coffees, teas, beers, and ales
Condiments	Sweet and savory sauces, relishes, spreads, an...
Confections	Desserts, candies, and sweet breads
Dairy Products	Cheeses
Grains/Cereals	Breads, crackers, pasta, and cereal
Meat/Poultry	Prepared meats
Produce	Dried fruit and bean curd
Seafood	Seaweed and fish

2. What are the ID and name of those products where the name includes the string *queso*?

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

```
7 #2. What are the ID and name of those products where the name includes the string queso?
8 • select ProductID, ProductName from
9 products
10 where
11 ProductName like "%queso%";
```

Below the query, the 'Result Grid' is displayed with the following data:

ProductID	ProductName
11	Queso Cabrales
12	Queso Manchego La Pastora
NULL	NULL

3. What are the IDs (orderID and customerID) and the ship-to country (ShipCountry) for orders going to one of the following countries: *Brazil, Mexico, Argentina*.

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

```
13 #3. What are the IDs (orderID and customerID) and the ship-to country (ShipCountry)
14 # for orders going to one of the following countries: Brazil, Mexico, Argentina.
15 • select OrderID, CustomerID, ShipCountry from
16 orders
17 where ShipCountry in ("Brazil","Mexico","Argentina");
```

Below the query window is the 'Result Grid' showing the results of the query. The grid has four columns: OrderID, CustomerID, and ShipCountry. The results are as follows:

OrderID	CustomerID	ShipCountry
10250	HANAR	Brazil
10253	HANAR	Brazil
10256	WELLI	Brazil
10259	CENTC	Mexico
10261	QUEDE	Brazil
10276	TORTU	Mexico
10287	RICAR	Brazil
10290	COMMI	Brazil
10291	QUEDE	Brazil
10292	TRADH	Brazil
10293	TORTU	Mexico
10299	RICAR	Brazil
10304	TORTU	Mexico
10308	ANATR	Mexico
10319	TORTU	Mexico
10322	PERIC	Mexico
10347	FAMIA	Brazil
10354	PERIC	Mexico

4. What are the names (first and last), title, and birth date of all employees. List from oldest to youngest.

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

```
18
19 #4 What are the names (first and last), title, and birth date of all employees. List from oldest to youngest.
20 • select FirstName, LastName, Title, BirthDate from
21 employees
22 order by BirthDate asc;
```

Below the query window is the 'Result Grid' showing the results of the query. The grid has five columns: FirstName, LastName, Title, and BirthDate. The results are as follows:

FirstName	LastName	Title	BirthDate
Margaret	Peacock	Sales Representative	1955-09-19 00:00:00.000000
Nancy	Davolio	Sales Representative	1966-12-08 00:00:00.000000
Andrew	Fuller	Vice President, Sales	1970-02-19 00:00:00.000000
Steven	Buchanan	Sales Manager	1973-03-04 00:00:00.000000
Laura	Callahan	Inside Sales Coordinator	1976-01-09 00:00:00.000000
Robert	King	Sales Representative	1978-05-29 00:00:00.000000
Michael	Suyama	Sales Representative	1981-07-02 00:00:00.000000
Janet	Leverling	Sales Representative	1981-08-30 00:00:00.000000
Anne	Dodsworth	Sales Representative	1984-01-27 00:00:00.000000