# ITEC 3200 Database Semester Project

**PART II: QUERIES**

1. In MySQL Workbench, make sure that **homework is the default schema**. Create a new SQL script.
2. Start by writing documentation (comments) at the top of the script. Put your team number and team names. Also put “ITEC 3200” and the semester.
3. Now you will create queries to retrieve different information from your database. Here is a list of requirements for each query in the semester project:

* Include a comment that identifies the query as Query 1, Query 2, etc.
* Include a comment that **explains in plain English what the query does**
* All queries must have ***an ORDER BY***
* All columns ***must have an alias*** *(Do not use SELECT \* to satisfy any query)*
* The results of the query must have at least two columns and at least one row of output
* Do not copy one query and modify it slightly to satisfy another query

**QUERY 1** must contain:

* AND or OR for a compound condition (not BETWEEN)

**QUERY 2** must contain:

* Contains LIKE with some wildcard characters

**QUERY 3** must contain:

* An expression that contains IN or BETWEEN. IN must have at least two options.

**QUERY 4** must contain:

* A JOIN of two or more tables. There must be columns from both of the tables in the SELECT list.

**QUERY 5** must contain:

* A computed field (contains an arithmetic expression, not a group function)

**QUERY 6** must contain:

* A group function and a GROUP BY

**QUERY 7** must contain:

* A Nested query (has a sub-query)

1. Here are some samples of the comments written in plain English:

**Query1:** All pets weighing more than 10 pounds with Search and Rescue Training.

**Query2**: Name and price of pet food that starts with the word “Puppy”.

**Query3**: A count of the total number of dogs that an owner has, along with owner name.

Etc…

1. Upload the completed and debugged SQL Script to the D2L Assignment box **SEMESTER PROJECT Part 3**.