**SQL Module 4 Challenge Worksheet**

The Challenge Activity for this module asks you to answer the questions below. Use this space to record your responses. Then save and submit this document to Canvas as instructed in your online classroom.

To successfully complete this challenge, you will be completing and creating queries, identifying the order of operations, and deciding what is missing based on the scenario examples given below. Remember to save your queries for future use.  This will allow you to edit the queries and create them from scratch with each request.

**Challenge Sample Scenario**

**Part 1: Pulling Records**

You are the analyst for a dealership and there are a few requests for you to pull for potential buyers. Using [myCompiler](https://www.mycompiler.io/new/sql), create your queries based on the data request instructions.

The database that you have been given access to has the following information:

* Table name – CarInventory
* Table columns – make, model, year, price, drivetrain

First, you want to pull records that meet the following criteria:

* All car models that are Mitsubishi.

1. What will your query look like?

Select \*

From CarInventory

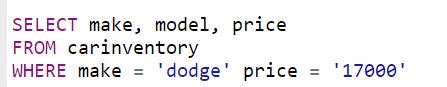
Where model = ‘Mitsubishi’;

**Part 2: What is Missing?**

There is a potential buyer that is looking for the following:

* make = dodge
* price = 17000

You create the query below. After you run it, the data is not coming back matching the request and you are getting an error.



2. What operator is missing?

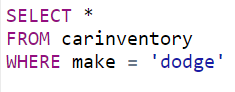
Comma between the where conditions.

**Part 3: Complete the Query**

Another potential buyer has just walked in and is looking for either a Dodge or a Ford.

3. What does the below query need to be completed?

, OR make = ‘ford’;

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4. What operator comes after Dodge?

OR

**Part 4: Combining Multiple Operators**

The potential buyer is still deciding and is now expanding their search criteria to the following:

Cars that are a Dodge or Ford and priced at 17000.

1. How many operators will your query have?

2

1. What operators will you include in your query?

OR, AND