**SQL Module 2 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.

1. What is a SQL syntax?

It is the way a query is typed.

1. What is a query box?

A query box is the place queries are typed and executed.

1. When you have created your query, what do you do next?

Add a semicolon then press the run key.

1. What is the purpose of SELECT?

Select functions as the query function to view data.

1. What is the purpose of the FROM clause?

The FROM clause indicates the table being referenced.

1. When selecting more than one column from a table, what do you need to include?

You need to include a comma.

1. How do you select all records from a table?

Type the following: Select \*.

1. What is SFWGHO and what does it stand for?

It is the order of operations for SQL and represents SELECT, FROM, WHERE, GROUP BY, HAVING, ORDER BY.

Challenge sample query

You have been given access to an employee database to pull data on employee information. The database consists of the following:

Table name - Employee Data

Columns - ID, FirstName, LastName, Location, TotalCommission, YearsWorked, StillEmployed

Complete the following:

1. You want to select all data from the TotalCommisson column in the Employee Data table. How would you fill in the query below?

Select TotalCommisson

From Employee Data;

1. You want to select data from the Location column in the Employee Data table. What should your query look like? How would you fill in the query below.

Select Location

From Employee Data;

1. You want to pull data from TotalCommisson, YearsWorked, and StillEmployed columns. From the Employee Data table. What should your query look like? How would you fill in the query below?

Select TotalCommisson, YearsWorked, StillEmployed

From Employee Data;