Assignment 2-Accessing Data Part 1 (5% of total grade)

Format: Upload an SQL document to Blackboard (under ASSESSMENTS & TOOLS > Assignments > Database).
BE SURE TO PUT YOUR NAME and student # IN THE FILENAME:
e.g. DB-Assign2- *YourName-N0123456*.sql

Purpose: To implement query construction techniques learned in Lesson 2 in order to answer "human" questions.

Requirements: For this assignment, you will use the provided Pet Store data tables. Answer the questions on **separate file** (word or other document editor), provide a screenshot of your query results and submit the assignment to Blackboard.

To put ourselves in a "real world" mindset for bridging the Human -- Computer gap, we will pretend that you are a database administrator for a pet store. The queries that you create will answer questions posed to you by your "employer" and "colleagues".

Part 1: Getting to Know Your Data (1%)

A. Start off by familiarizing yourself with your data tables. Create a query that will return all of the data in your ***employees*** table.
B. Continue familiarizing yourself with your data tables. Create a query that will return all of the data in your ***stock_items*** table.

Part 2: Limiting Your Columns (1%)

A. The assistant manager needs a list of products and their prices. Create a query that provides just the ***item*** and ***price*** columns for all ***stock_items***.
B. The manager wants to create a contact list to post in the staff room. Create a query that provides the first name, last name, role and phone number for all ***employees***.

Part 3: Customizing Your Columns (1%)

A. The assistant manager is doing a stock check to evaluate the balance of items by category in the store. Create a query that provides just the ***item***

column (with a heading of: “Product”), and the ***category*** column (with the heading of: “Animal”) for all ***stock_items***.

B. The accountant needs a list of employees and pertinent data to create tax forms. Create a query that returns the last name of all ***employees*** (with a heading of “Pet Store Staff”); their employee identification numbers (with a heading of “Emp. ID”); and their SIN.

Part 4: Limiting Your Rows (1%)

A. The manager needs to find someone to work this weekend. Create a query that provides the first names and phone numbers for all ***employees*** with the role of “Sales”.

B. The manager needs to know what items need to be reordered. Create a query that returns the name, id, and current inventory of all ***stock_items*** that have a dozen or fewer remaining in stock.

Part 5: Computer <==> Human (1%)

Write a query that answers each of the following “human” questions:

A. What “Kitty Cat” items do you sell and how much are they? *(HINT- “Kitty Cat” should be the label on the column of items.)*

B. Id #115? What “Staff Member” is that?!?