Pet Store Scenario Pt 1:

Creating a database table that will be used to track pets that are owned by my imaginary pet store.

Create Table Statement

**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedThe column names I have chosen for my pet\_store table are pet\_ID, pet\_type, gender, and behavior. For the petID column, I chose INT because it’s the primary key for my table and my values are integers. For the pet\_type column I chose a VARCHAR data type with the character length of 7 because the longest pet type name available at my store is hamster, which is 7 characters. For the gender column, I used CHAR with a length of 1 character because the only genders available would be f for female and m for male. There wouldn’t be a change in the data type length. As for the behavior column, the data type is VARCHAR with a character length of 50 because I wanted an ample amount of room to note additional behaviors I might notice in the pets.**

Insert Table Statement

A screenshot of a computer

Description automatically generated**The data fields are pet\_type, gender, and behavior, so customers can get a good idea of the main characteristics of the pets that they’re looking to buy. The petID field is to help the store owner keep track of each pet’s identity in relation to its characteristics and for the table to have a primary key.**

INSERT INTO pet\_store (petID, pet\_type, gender, behavior)

VALUES

(1, ‘dog’, ‘f’, ‘friendly’),

(2, ‘dog’, ‘m’, ‘shy’),

(3, ‘dog’, ‘m’, ‘aggressive’),

(4, ‘dog’, ‘m’, ‘energetic’),

(5, ‘dog’, ‘f’, ‘shy’),

(6, ‘cat’, ‘m’, ‘aggressive’),

(7, ‘cat’, ‘m’, ‘energetic’),

(8, ‘cat’, ‘f’, ‘friendly’),

(9, ‘cat’, ‘m’, ‘aggressive’),

(10, ‘cat’, ‘f’, ‘independent’),

(11, ‘hamster’, ‘f’, ‘energetic’),

(12, ‘gerbil’, ‘f’, ‘shy’),

(13, ‘gerbil’, ‘m’, ‘friendly’),

(14, ‘hamster’, ‘m’, ‘independent’),

(15, ‘hamster’, ‘f’, ‘shy’),

(16, ‘lizard’, ‘f’, ‘friendly’),

(17, ‘lizard’, ‘m’, ‘energetic’),

A screenshot of a computer

Description automatically generated(18, ‘lizard’, ‘m’, ‘independent’),

(19, ‘lizard’, ‘f’, ‘shy’),

(20, ‘lizard’, ‘m’, ‘friendly’);

WHERE Clause

**My query answers the question of a potential customer looking for an energetic dog or cat as a pet. The data to be returned will show the information of each of the pet. The query addresses the question by pulling only the matching rows of cats or dogs that display energetic behavior.**

A screenshot of a computer

Description automatically generated