**Python SQLite3 Worksheet #1**

q1 - q8: Write queries to show the number of records in each table, where. q1 is the categories table, q2 is the customers table, q3 is the employees table, q4 is the orderDetails table, q5 is the orders table, q6 is the products tables, q7 is the producVendors table, and q8 is the vendors table.

q9 Write a query for those customers whose first name starts with a vowel (way1). Sort by last name ASC, then first name ASC.

q10 Write a query for those customers whose first name starts with a vowel (way2). Sort by last name ASC, then first name ASC.

q11 Write a query for those customers whose last name ends with a vowel (way1). Sort by last name ASC, then first name ASC.

q12 Write a query for those customers whose last name ends with a vowel (way2). Sort by last name ASC, then first name ASC.

q13 Write a query for those customers whose first name starts with a vowel AND whose last name ends with a vowel.

q14 Write a query for those customers whose first name starts with a vowel OR whose last name ends with a vowel.

q15 Write a query to show the query to select all category descriptions, product names, and retail prices. Sort results by category description in ascending order, then retail price descending order.

q16 Write a query to show the query to select all category descriptions, product names, and retail prices but only if the category description is either 'Wheels' or 'Bikes'. Sort results by category description in ascending order, then retail price descending order.

q17 Write a query to show the query to select all category descriptions, product names, and retail prices but only if the category description is neither 'Wheels' nor 'Bikes'. Sort results by category description in ascending order, then retail price descending order.

q18 Write a query to select all category descriptions, product names, retail price, wholesale price, and vendor name. Sort results by category description in ascending order, then vendor name in descending order, then retail price in descending order, then wholesale price in descending order.

q19 Do a Union query to combine all customer first and last names with all employee first and last names.