**IS 456 IT Database Systems Management**

**Programming Exercise 7**

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SQLite- Use the Chinook database

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--You may have to join multiple tables in order to solve these tasks

You may find these tasks a little challenging

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-- Task 1

-- Build a query that returns the person who has spent the most money

-- [use Invoice, InvoiceLine, and Customer tables]

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-- Task 2

-- Use your query to return the email, first name, last name, and Genre of all Rock Music listeners.

-- Return your list ordered alphabetically by email address starting with A.

-- [Customer, Invoice, InvoiceLine, Track, and Genre tables]

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-- Task 3

-- First, find which artist has earned the most according to the InvoiceLines?

-- Second, use this artist to find which customer spent the most on this artist.

-- [use the Invoice, InvoiceLine, Track, Customer, Album, and Artist tables.]

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-- Task 4

-- Count how many songs base on genre does customer 12 bought and How much did customer 13 spent across genres?

-- How much did each customers spent per genre?

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