SQL coding samples (code and answers are my own, questions/prompts from the course quizzes are in italics):

1. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the ER diagram in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the total number of invoices for each customer along with the customer's full name, city and email.

```sql
SELECT

c.FirstName AS First_Name

,c.LastName AS Last_Name

,c.City AS City

,c.Email AS Email

,COUNT(*) AS Total_Number_of_Invoices

FROM Customers c

INNER JOIN

Invoices i

ON c.CustomerId = i.CustomerId

GROUP BY c.CustomerId
```

After running the query described above*, what is the email address of the 5th person, František Wichterlová? Enter the answer below (feel free to copy and paste).*

Answer: frantisekw@jetbrains.com

2. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the cities with the most customers and rank in descending order.

```sql
SELECT

City

,count(*) AS Total_Customers

,CASE

    WHEN count(*) >= 2 THEN 'Most Customers'

    ELSE 'Fewer Customers'

    END Grouping_by_Total_Customers

FROM Customers

GROUP BY City

ORDER BY Total_Customers DESC
```

Which of the following cities indicate having 2 customers?

Answers:

☐
Budapest

☑
Mountain View

☑
São Paulo

☑
London

☐

Frankfurt

☐

Dublin