* Login Credentials:

Graphical user interface, application

Description automatically generated

* Question – 1: Display the first 10 rows of data for the payments table. (Query and results in Word file).

Graphical user interface, text, application, email

Description automatically generated

* Question – 2: Display the full name of employee (in 2 ways) and their email using the employees table whose office code is 6.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

* Question – 3: Display customer number, customer name, contact first name and contact last name, and phone for all customers in Paris. (hint: be wary of case sensitivity)

Graphical user interface, text

Description automatically generated with medium confidence

* Question – 4: Repeat the previous Query with a couple small changes:

a. The contact’s first and last name should be in a single column in the format “lastname, firstname”.

b. Show customers who are in Canada

Graphical user interface, text, application, email

Description automatically generated

* Question – 5: Display customer number for customers who have payments. Do not included any repeated values. (hints: how do you know a customer has made a payment? You will need to access only one table for this query)

Graphical user interface, text, application

Description automatically generated

* Question – 6: List customer numbers, check number, and amount for customers whose payment amount is not in the range of $30,000 to $65,000. Sort the output by top payments amount first.

Graphical user interface, text, application

Description automatically generated

* Question – 7: Display the order information for all orders that are cancelled.

Graphical user interface, text, application, email

Description automatically generated

* Question – 8: The company needs to know the percentage markup for each product sold. Produce a query that outputs the ProductCode, ProductName, BuyPrice, MSRP in addition to

a. The difference between MSRP and BuyPrice (i.e. MSRP-BuyPrice) called markup

b. The percentage markup (100 \* calculated by difference / BuyPrice) called percmarkup rounded to 1 decimal place.

Graphical user interface, text

Description automatically generated with medium confidence

* Question – 9: Display the information of all products with string ‘co’ in their product name. (c and o can be lower or upper case).

Graphical user interface, text

Description automatically generated

* Question – 10: Display all customers whose contact first name starts with letter s (both lowercase and uppercase) and includes letter e (both lowercase and uppercase).

Graphical user interface, text, application, email

Description automatically generated

* Question – 11: Create a statement that will insert yourself as an employee of the company.

a. Use a unique employee number of your choice

b. Use your school email address

c. Your job title will be “Cashier”

d. Office code will be 4

e. You will report to employee 1088

Graphical user interface, text, application, email

Description automatically generated

Question – 12: Create a query that displays your, and only your, employee data

Graphical user interface, text, application, email

Description automatically generated

Question -13: Create a statement to update your job title to “Head Cashier”

Graphical user interface, text, application, email

Description automatically generated

Question – 14: Create a statement to insert another fictional employee into the database. This employee will be a “Cashier” and will report to you. Make up fake data for the other fields.

Graphical user interface, text, application, email

Description automatically generated

Question – 15: Create a statement to Delete yourself from the database. Did it work? If not, why?

It will not work because of the integrity constraint which means that the process which we are running is breaking the rules of the data tables. That’s why the Delete statement will not work because we have one employee which reports to me.

Graphical user interface, text, application, email

Description automatically generated

Question – 16: Create a statement to delete the fake employee from the database and then rerun the statement to delete yourself. Did it work?

**ANS:** Yes, it worked. I am successfully able to delete my data row after deleting the fake employee row.

Graphical user interface, text, application, email

Description automatically generated

Question – 17: Create a single statement that will insert both yourself and the fake employee at the same time. This time the fake employee will report to 1088 as well.

Graphical user interface, text, application, email

Description automatically generated

Question – 18: Create a single statement to delete both yourself and the fake employee.

Graphical user interface, text, application

Description automatically generated

Question – 19: Create a new order in order table with required date Sep 22nd,2021 and order date as Sep 17th,2021. Make up the reset of the fields and then display the only the new order that you have created just now.

Graphical user interface, text, application, Word

Description automatically generated

Question – 20: Insert a new product into product table with product name as “2020 Bugatti Veyron” and productcode as “S111\_111” and make up the rest of the fields.

Graphical user interface, text, application

Description automatically generated