SMonson

Joins Answers 3.7

1. Graphical user interface, text, application, Word

Description automatically generated

I pulled up the ERD from a previous exercise and looked at the tables necessary to get this information and the common elements to join them. Address-city\_id, country, country\_id & country, city-city\_id & country\_id, customer-customer\_id. I joined the tables necessary to get to the number of customers in each country and ordered it by highest to lowest with a limit on 10 as that is what was requested.

2. Graphical user interface, application

Description automatically generated

This query used the information from the previous query to find the top cities in the top 10 countries. This includes a WHERE (in country) and IN (the top 10 countries need to be listed as the ones for the query to pull from). The DESC is the same as the previous query but only one needs a specific order as 9 out of the 10 are the same (one) and could be in any order.

3. Graphical user interface, application

Description automatically generated

This is like the previous query, substituting city for country name, adding customer name and adding SUM to the added payment table for total paid.