COM2058 Project 1

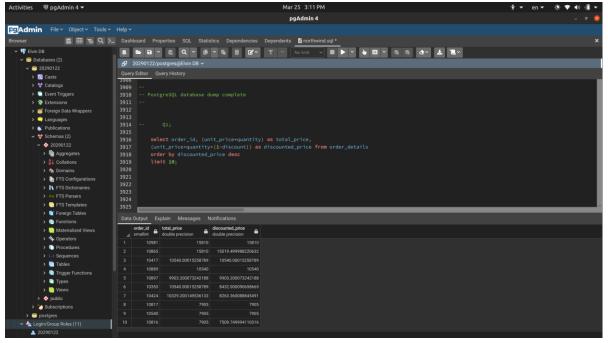
Name, Surname: Elvin Huseynli Date: 21/03/2022

Student Number: 20290122 Sign: fly

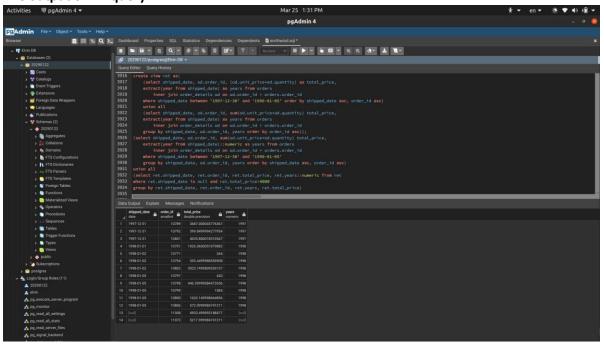
Task B:

The main objective of this task is to write queries and run them in pgAdmin4 using PostgreSQL. We are expected to add screenshots for each subtask, including queries and their outputs in table format.

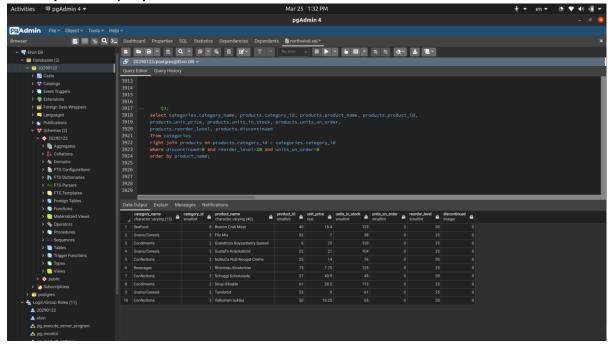
(1) The output of 1st query:



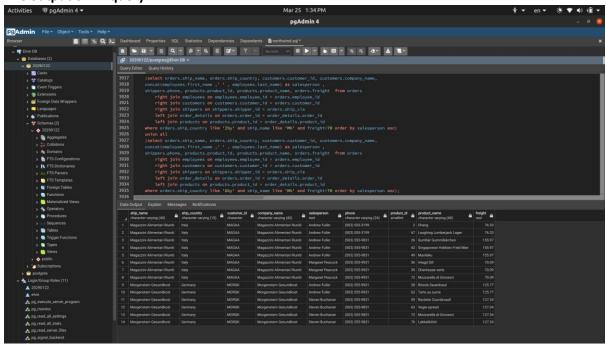
(2) The output of 2nd query:



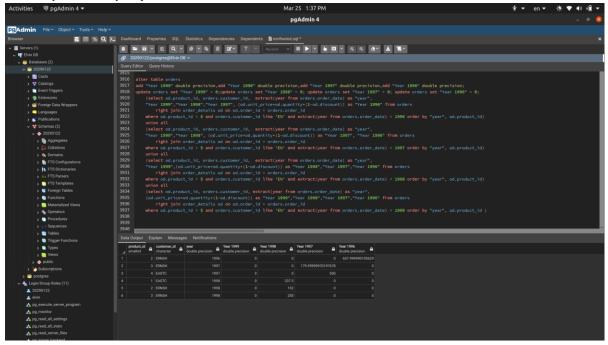
(3) The output of 3rd query:



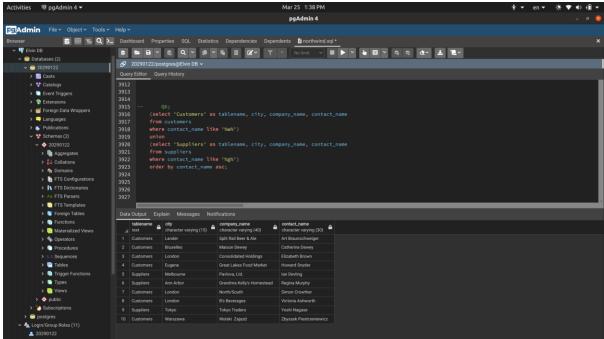
(4) The output of 4th query:



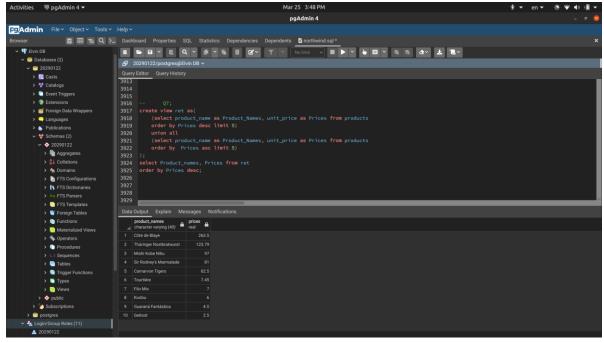
(5) The output of 5th query:



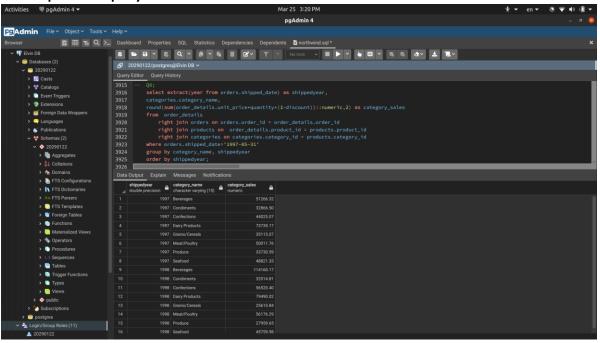
(6) The output of 6th query:



(7) The output of 7th query:



(8) The output of 8th query:



Task C:

The main objective of this task is to apply relational algebra to the queries we have written in Task B section. We are expected to use them as efficiently as possible.

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20290122 Elvin Huseynti Rife

OD 6 (order_details).

RESULT 6 (order_details).

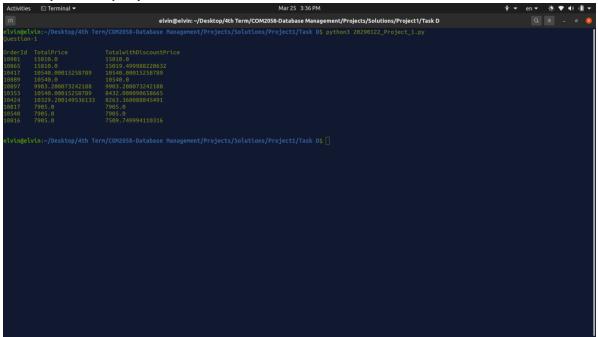
RESULT 6 (1937-12-30' e shipped_date < '1935-01-05' (orders)

FIRST RES 6 (shipped_date, od order_id, totalprice, years) (The shipped date, ad order_id, (ad.unit.price "od quantity") (FIRST Mod order_id=order_date, od order_id=order_id, (ad.unit.price od quantity) (FIRST Mod order_id=order_date, od order_id=order_id, (ad.unit.price od quantity) (FIRST Mod order_id=order_date, od order_id=order_id=order_date, od order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=order_id=ord
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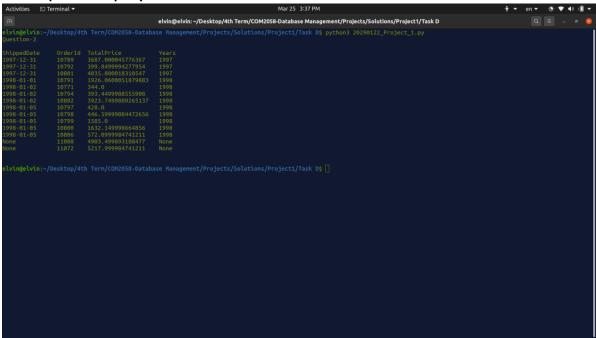
Task D:

The main objective of this task is to connect to the database using Python and its library. We are expected to write the queries in Python and add the screenshots of the outputs of them.

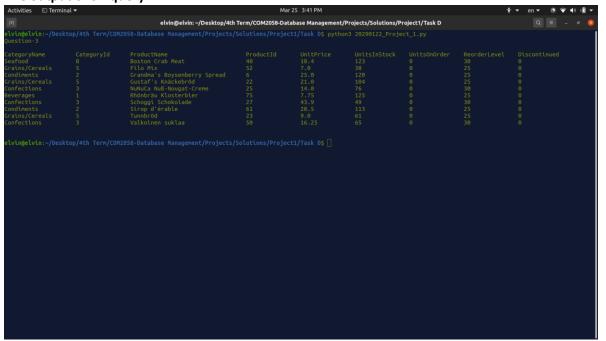
(1) The output of 1st query:



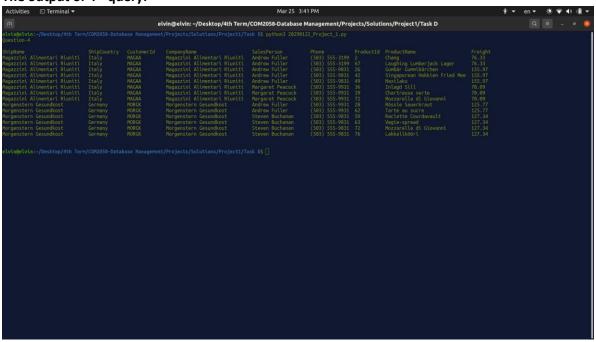
(2) The output of 2nd query:



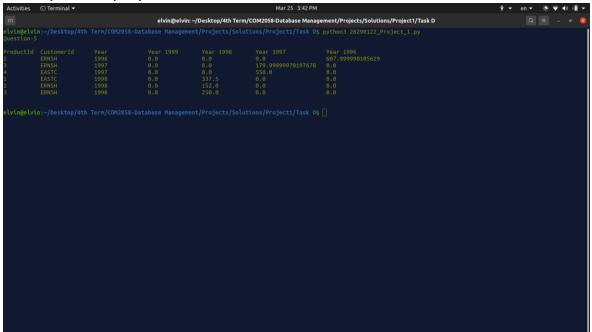
(3) The output of 3rd query:



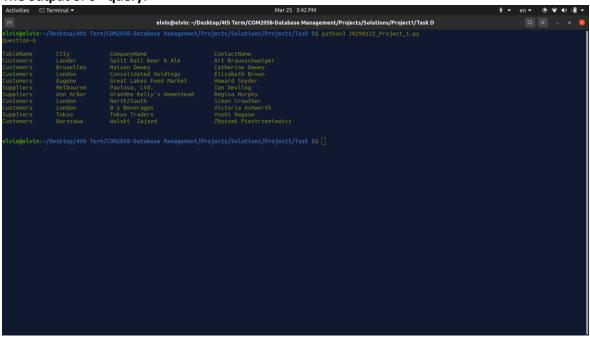
(4) The output of 4th query:



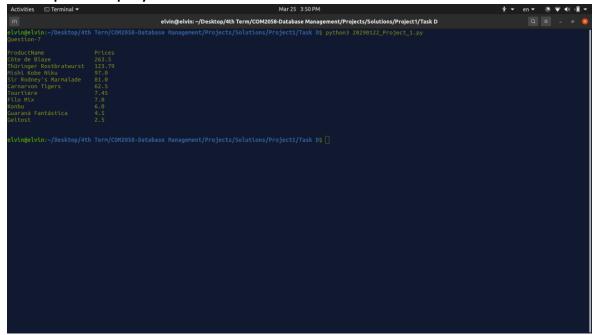
(5) The output of 5th query:



(6) The output of 6th query:



(7) The output of 7th query:



(8) The output of 8th query:

