Name: Muhamad Fadhli Akbar
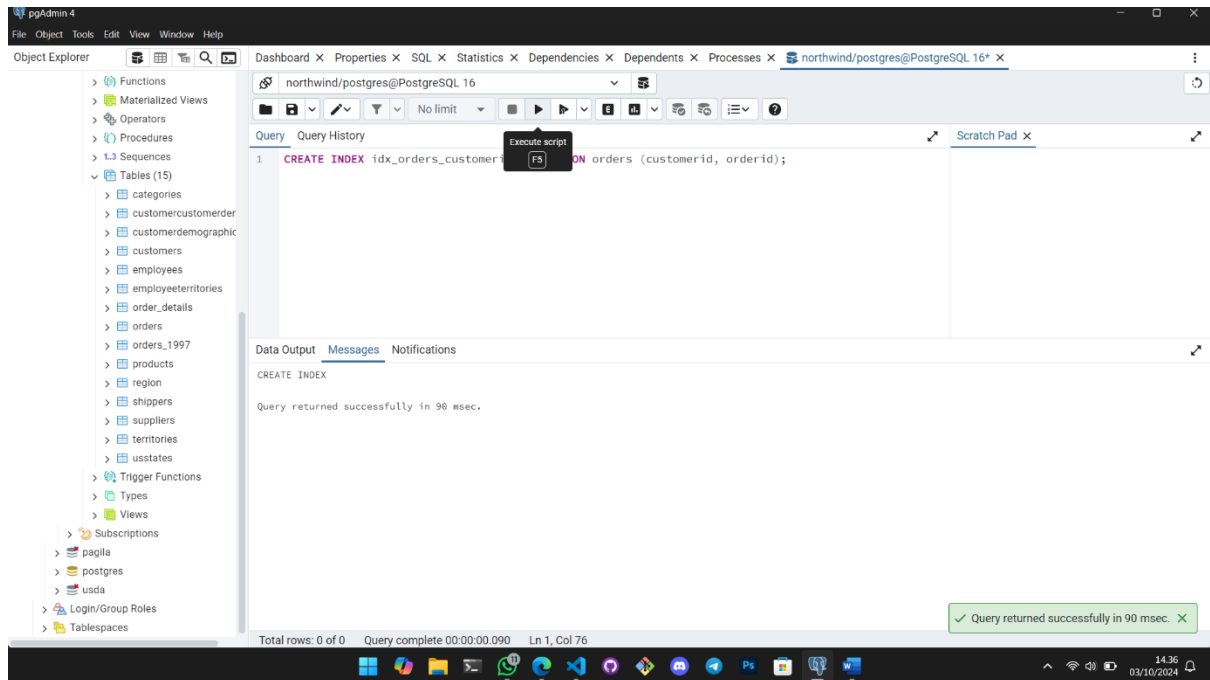
Class: Cortana

ASSIGMENT 4 SQL
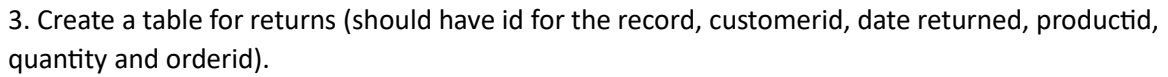
Run the following queries.
1. On orders create a single index on two fields customerid and orderid

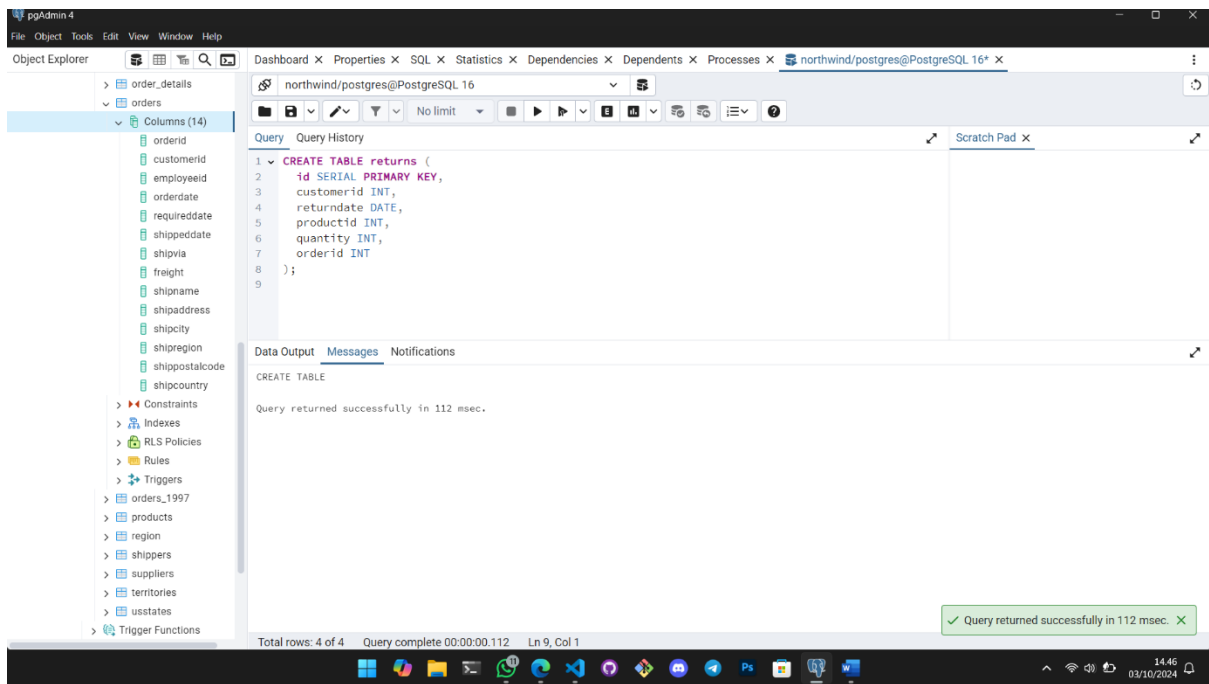*CREATE INDEX idx_orders_customerid_orderid ON orders (customerid, orderid);*

2. Drop idx_orders_customerid_orderid index on orders table
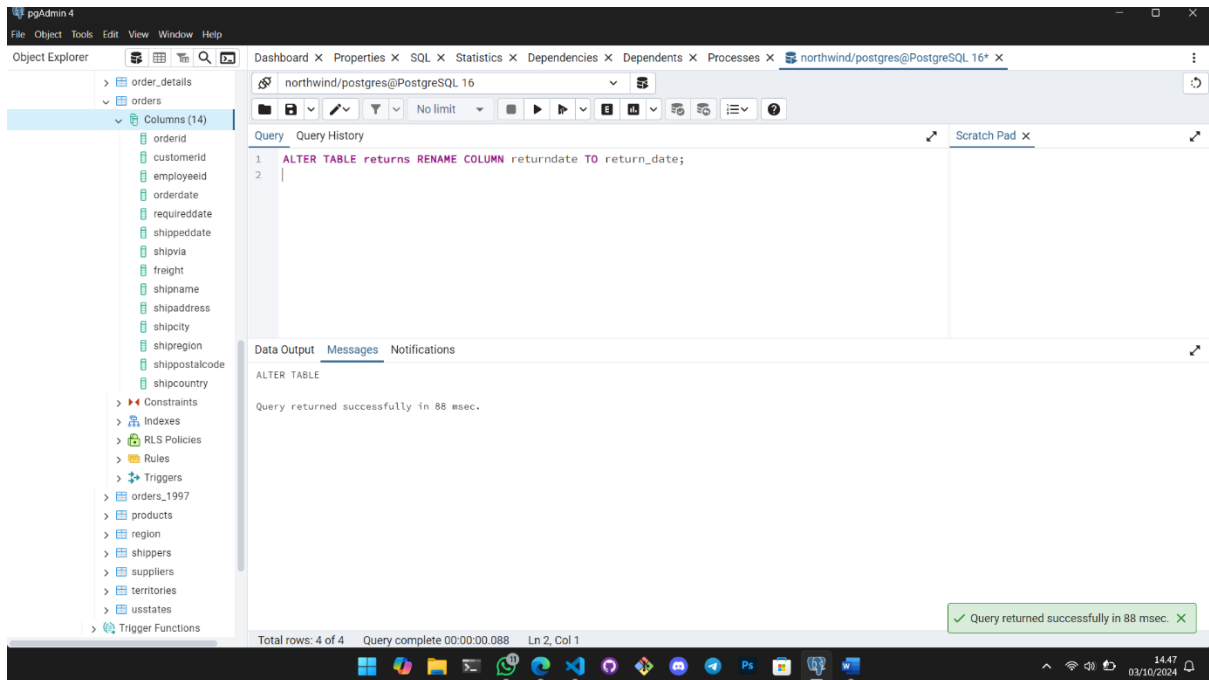
DROP INDEX IF EXISTS idx_orders_customerid_orderid;

3. Create a table for returns (should have id for the record, customerid, date returned, productid, quantity and orderid).

CREATE TABLE returns (

  id SERIAL PRIMARY KEY,

  customerid INT,

  returndate DATE,

  productid INT,
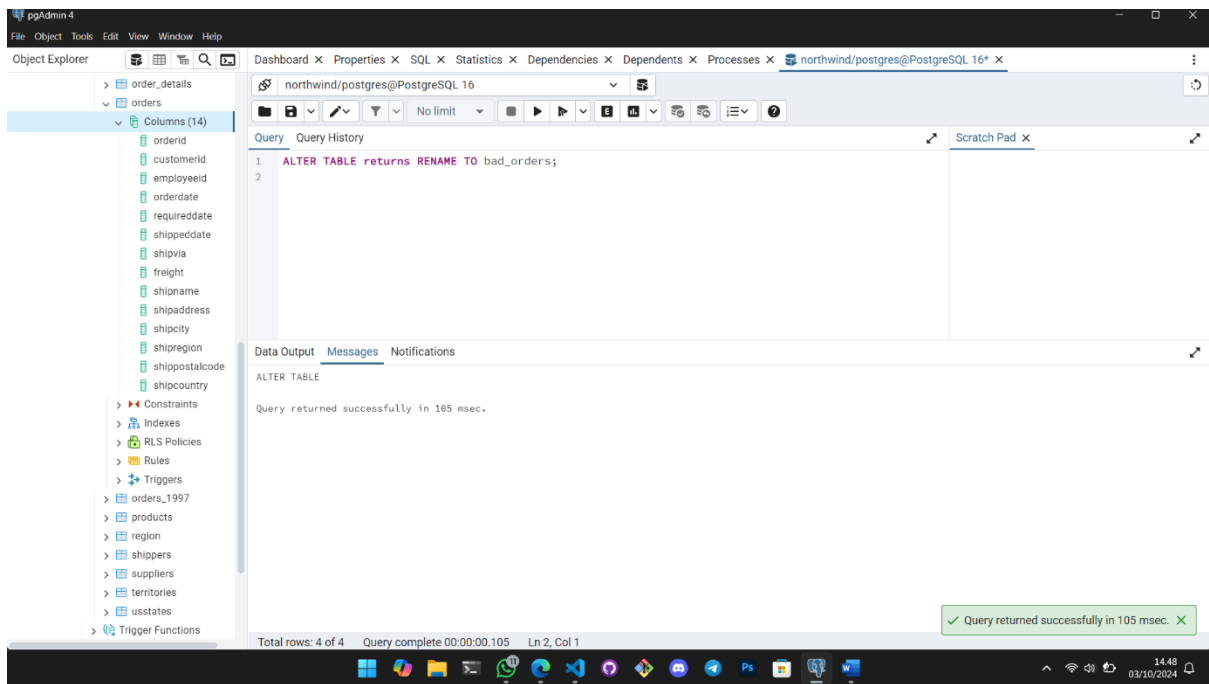
  quantity INT,

  orderid INT

);

4. On returns table rename returndate to return_date

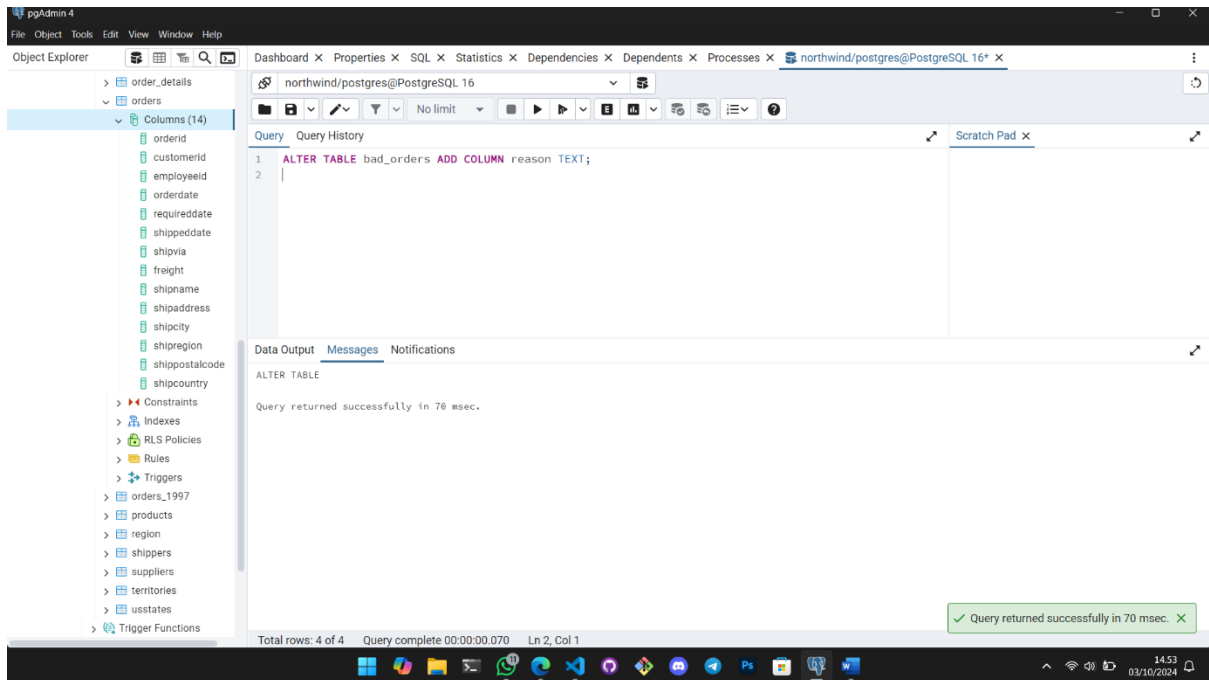*ALTER TABLE returns RENAME COLUMN returndate TO return_date;*

5. Rename returns table to bad_orders
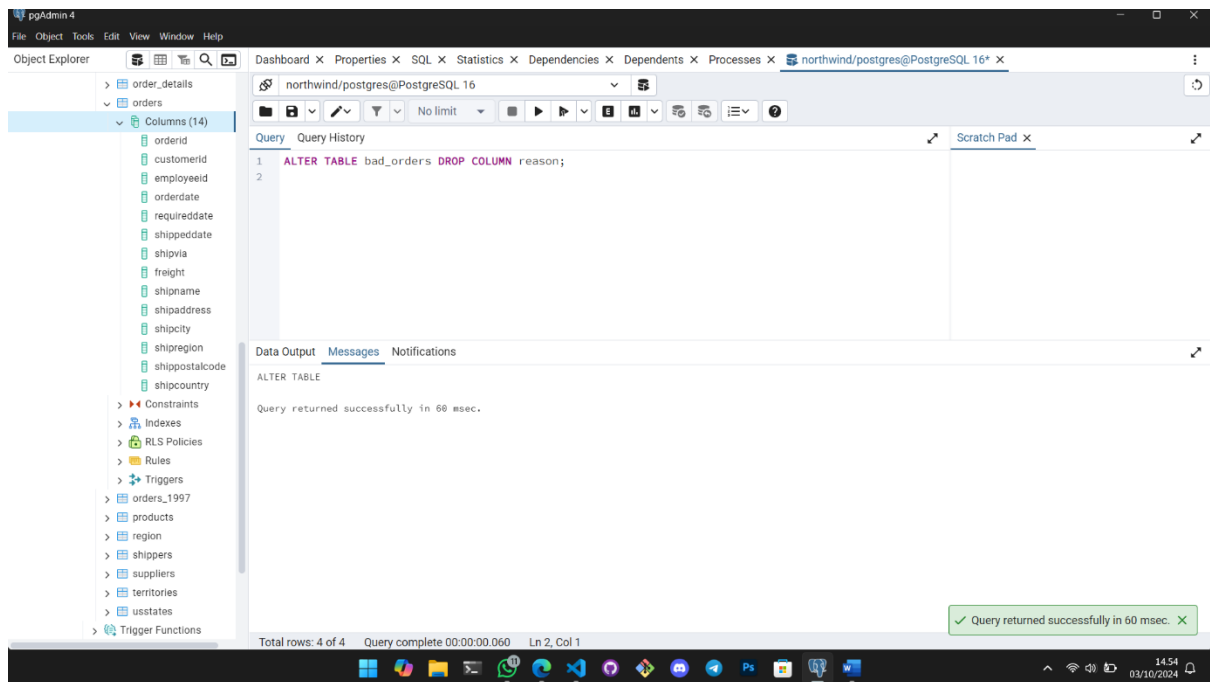
ALTER TABLE returns RENAME TO bad_orders;

6. On bad_orders table add a text field called reason

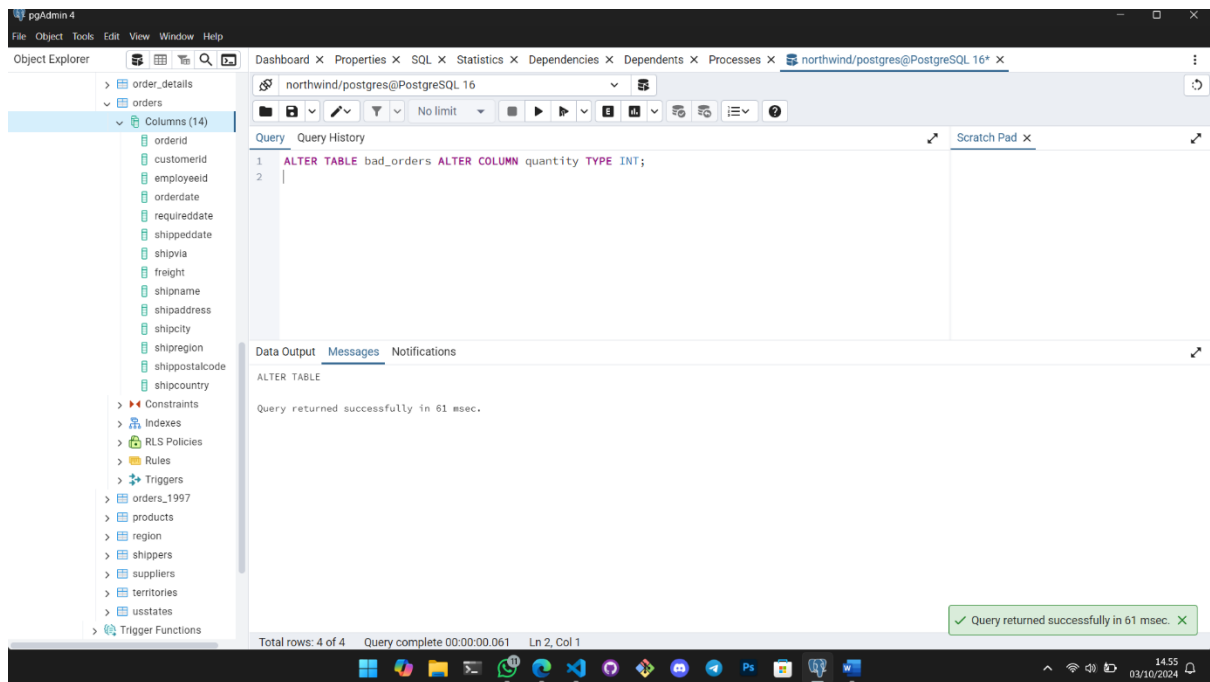*ALTER TABLE bad_orders ADD COLUMN reason TEXT;*

7. On bad_orders table remove reason field

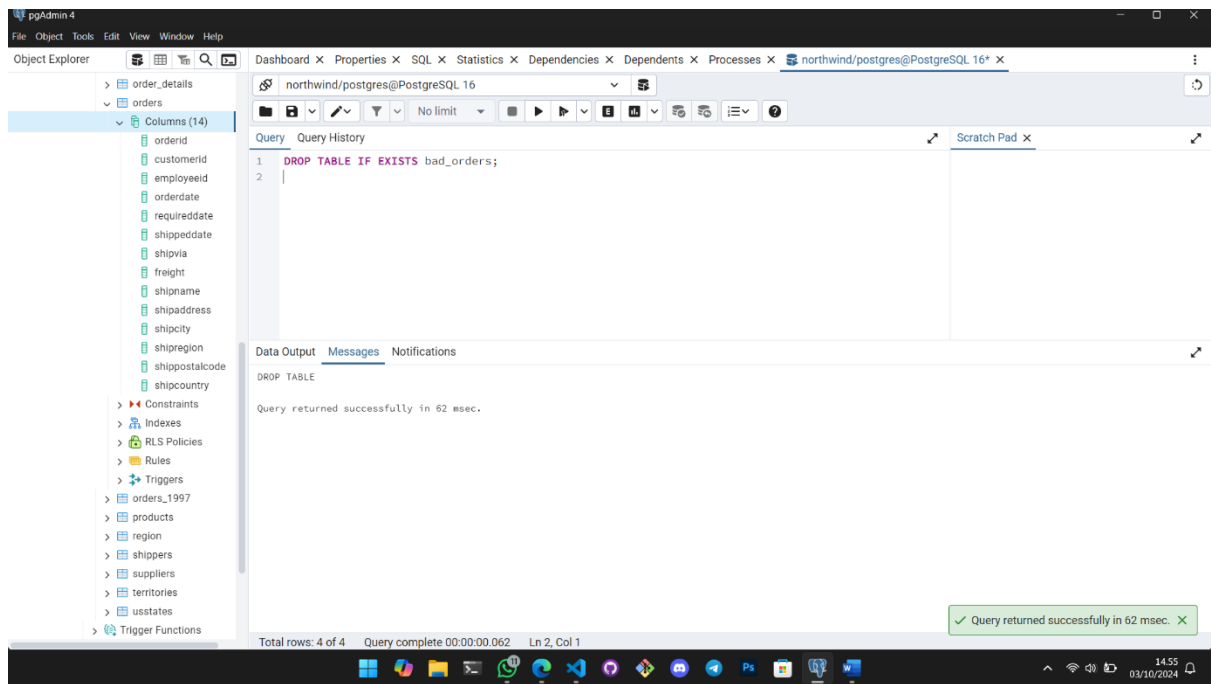*ALTER TABLE bad_orders DROP COLUMN reason;*

8. On bad_orders table changes the quantity field to int

ALTER TABLE bad_orders ALTER COLUMN quantity TYPE INT;

9. Drop the bad_orders table
DROP TABLE IF EXISTS bad_orders;

THANK YOU