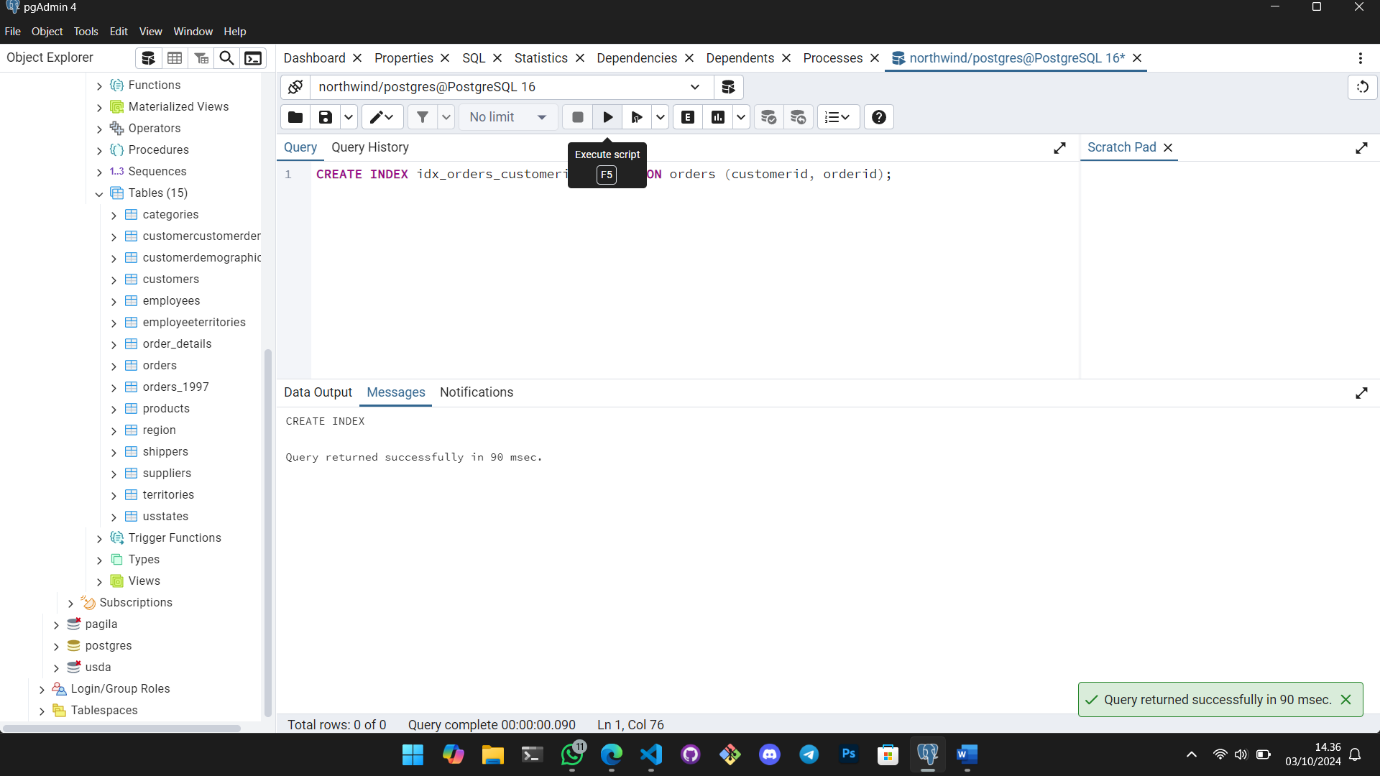
Name: Muhamad Fadhli Akbar

Class: Cortana

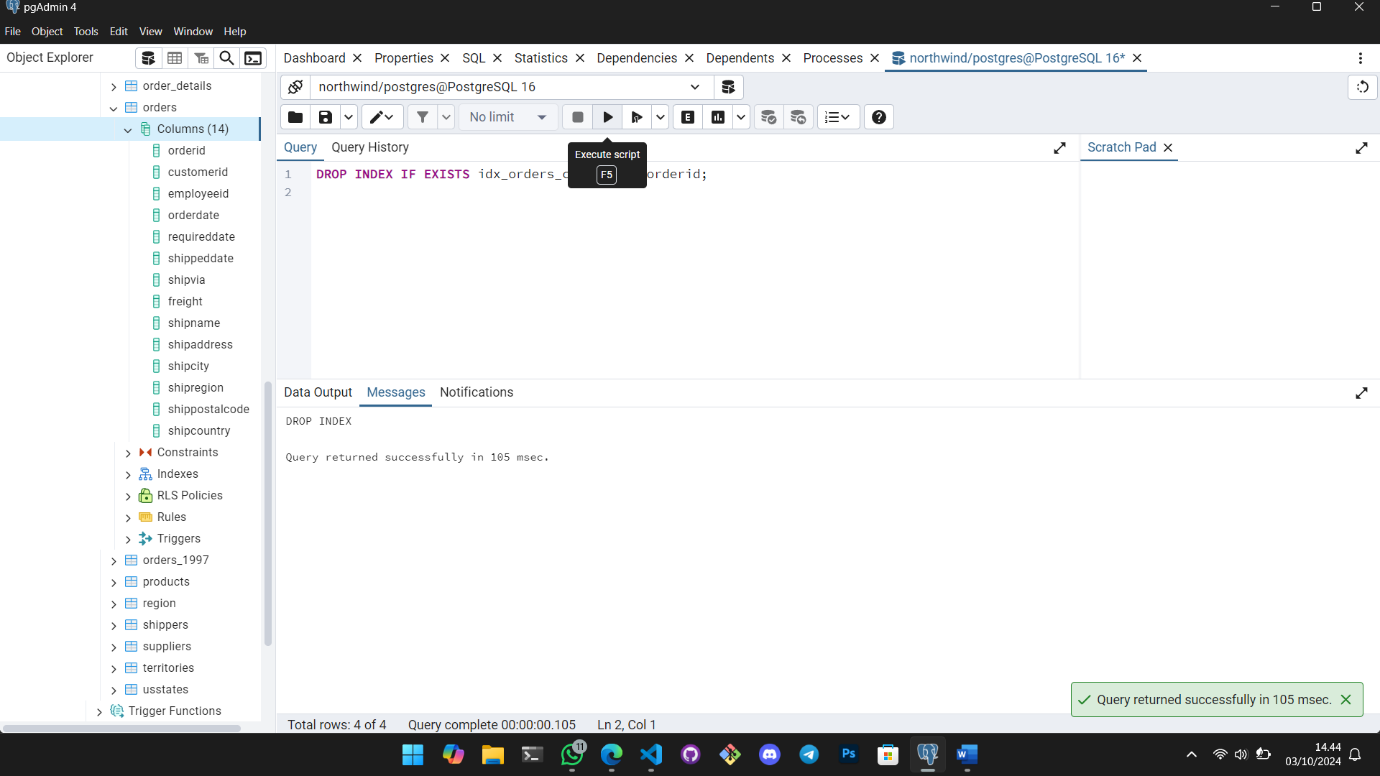
ASSIGMENT 4 SQL

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,*

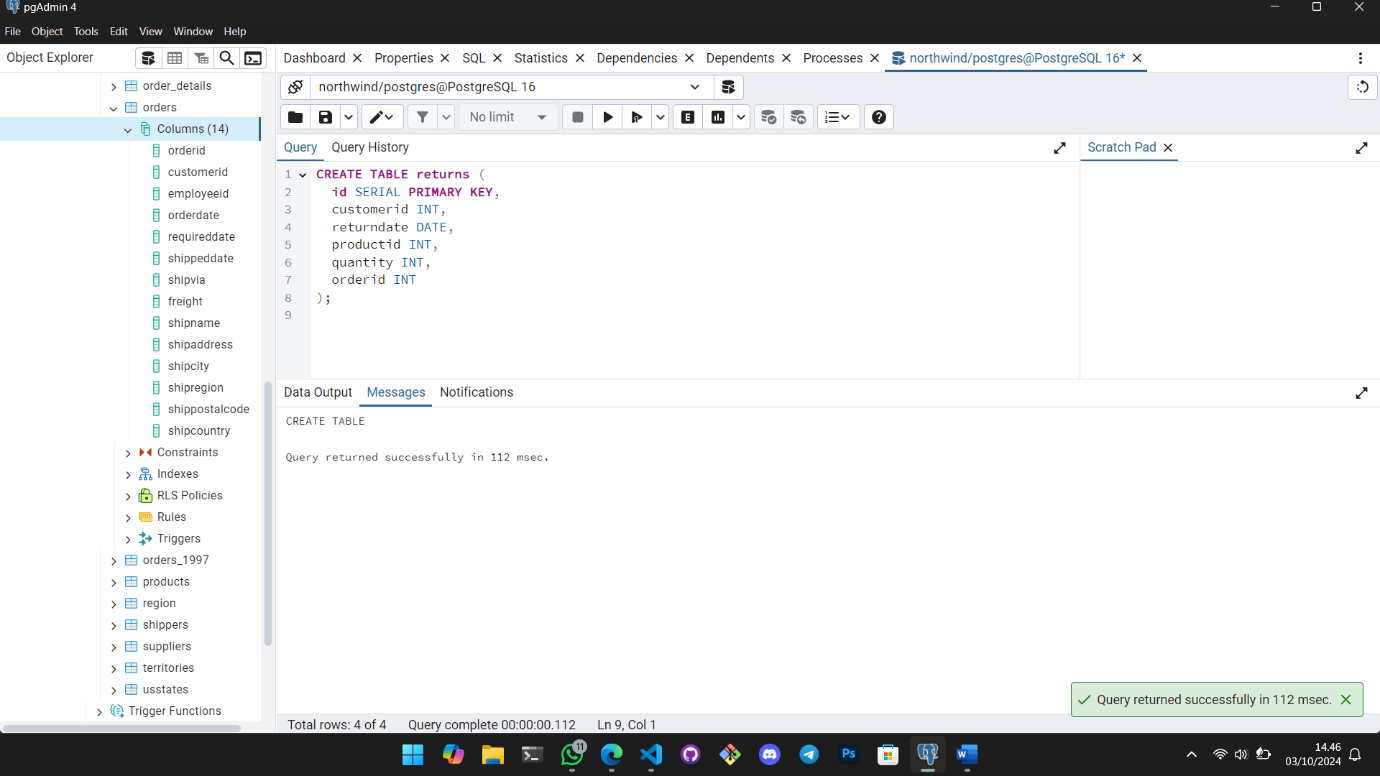
*returndate DATE,*

*productid INT,*

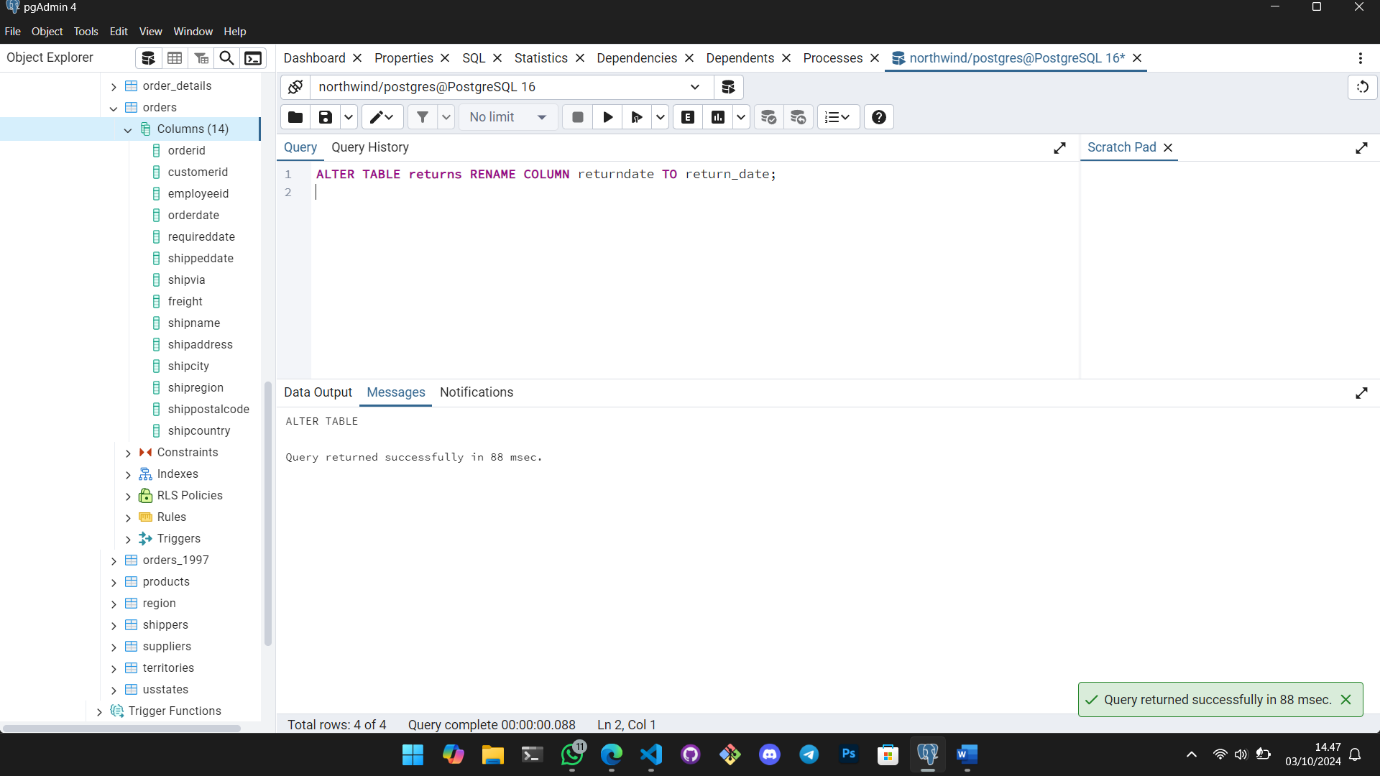
*quantity INT,*

*orderid INT*

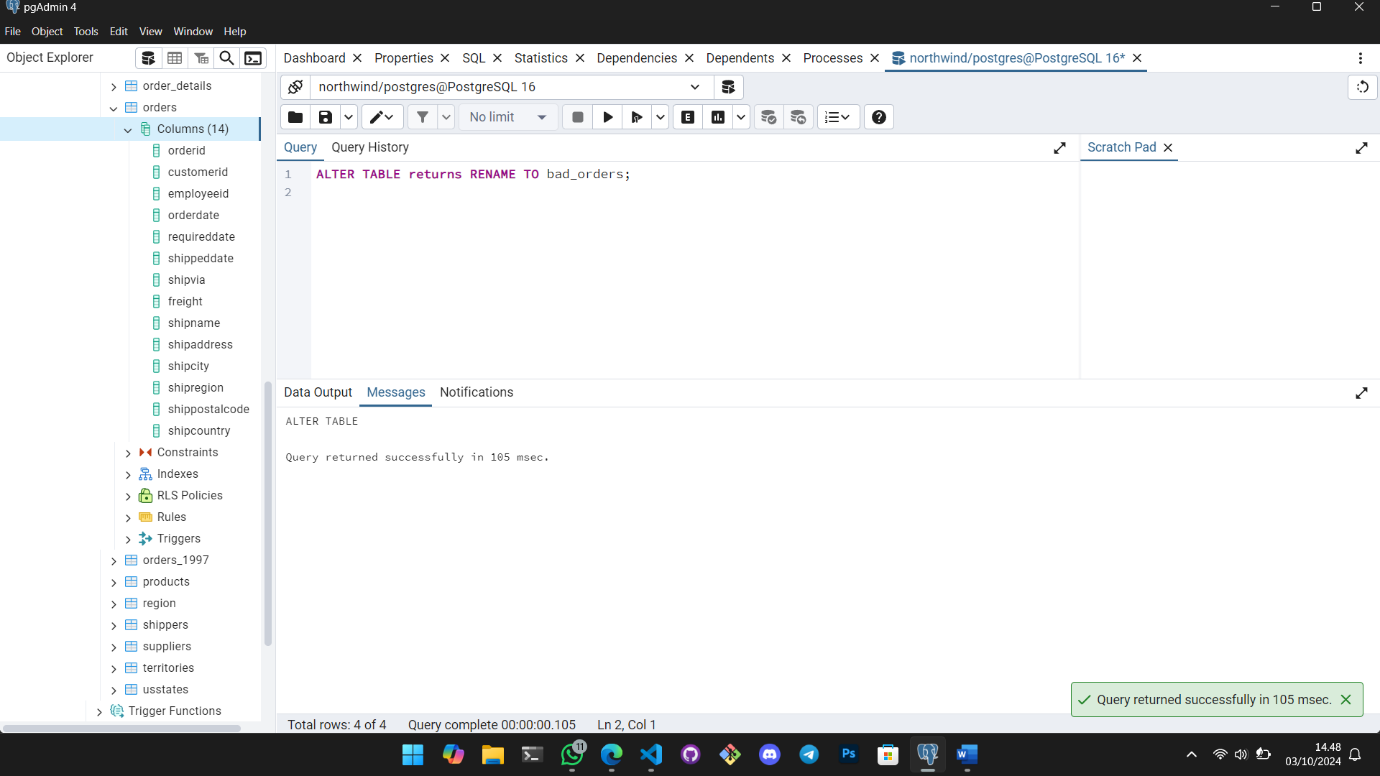
*);*

  
4. On returns table rename returndate to return\_date

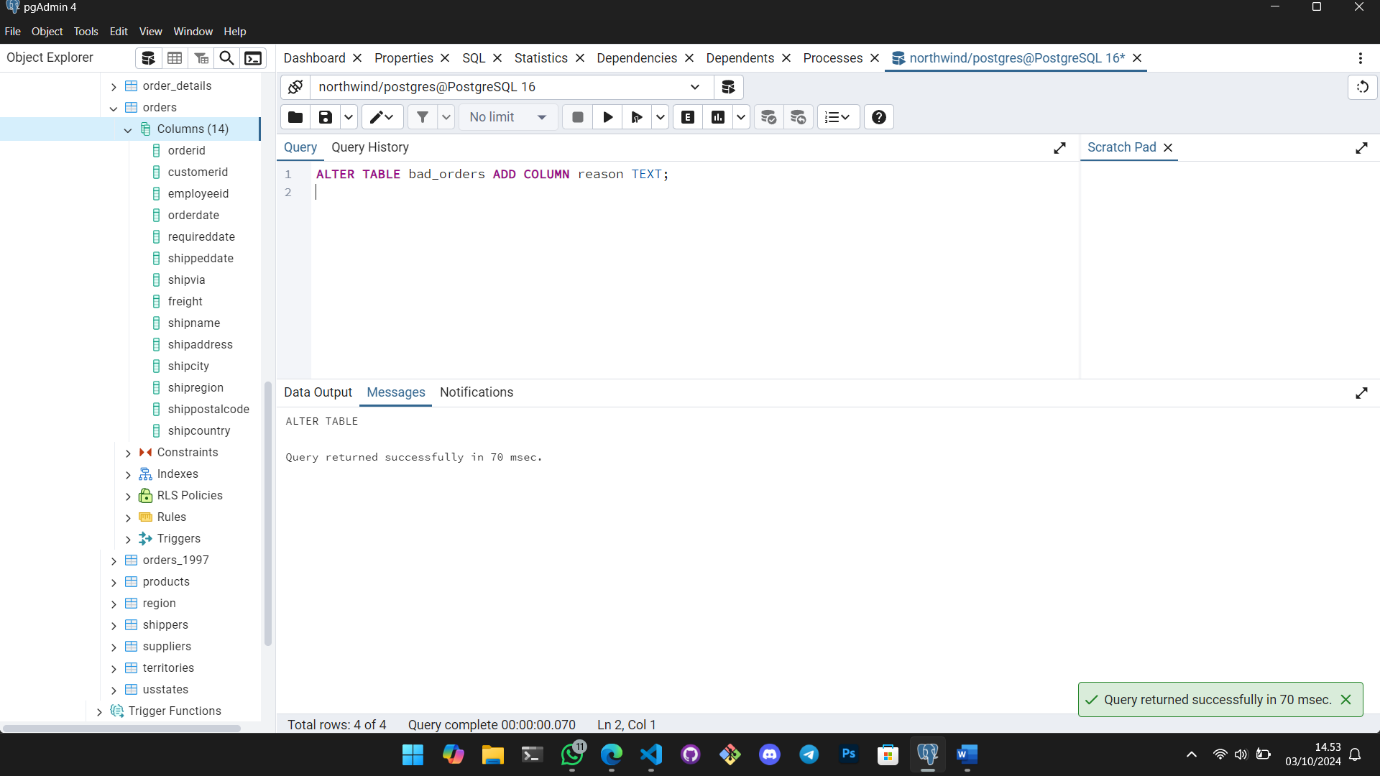
*ALTER TABLE returns RENAME COLUMN returndate TO return\_date;*

  
5. Rename returns table to bad\_orders

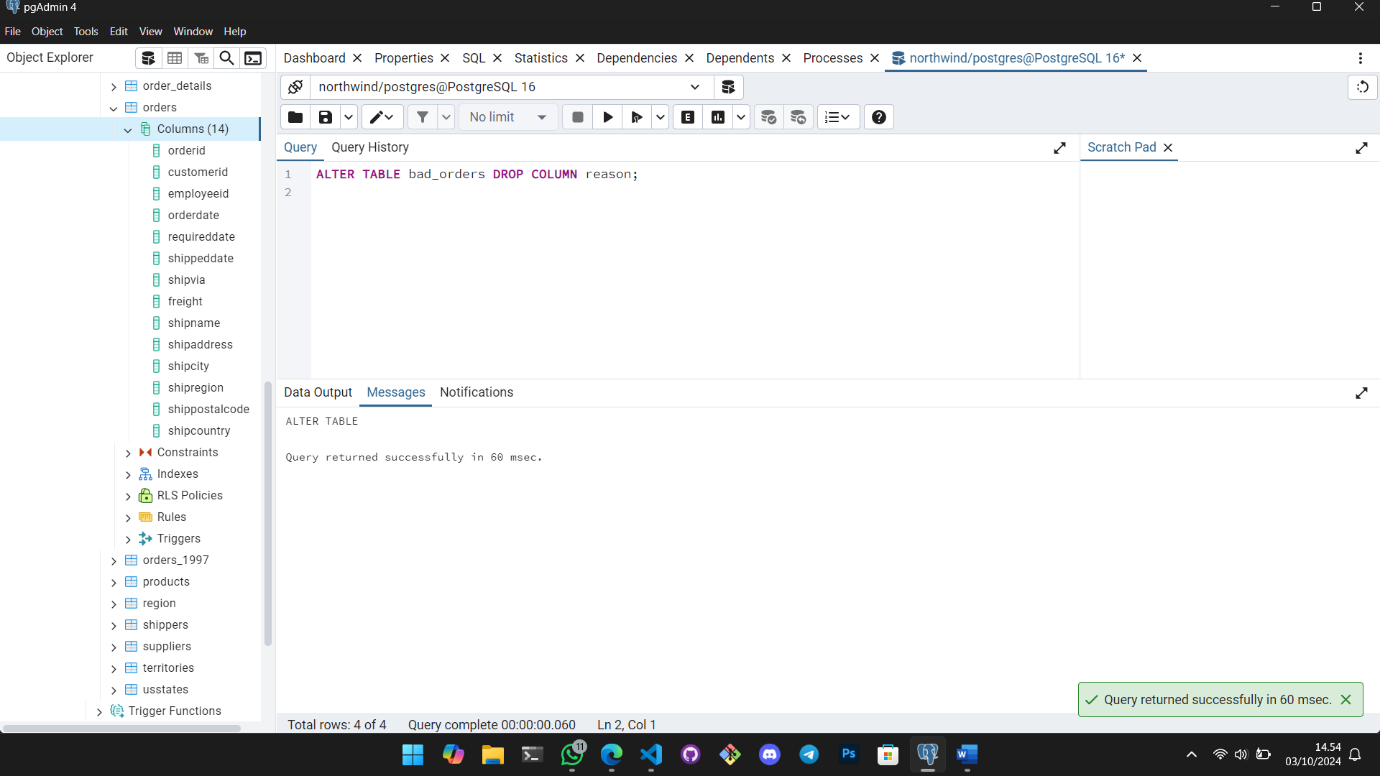
*ALTER TABLE returns RENAME TO bad\_orders;*

  
6. On bad\_orders table add a text field called reason

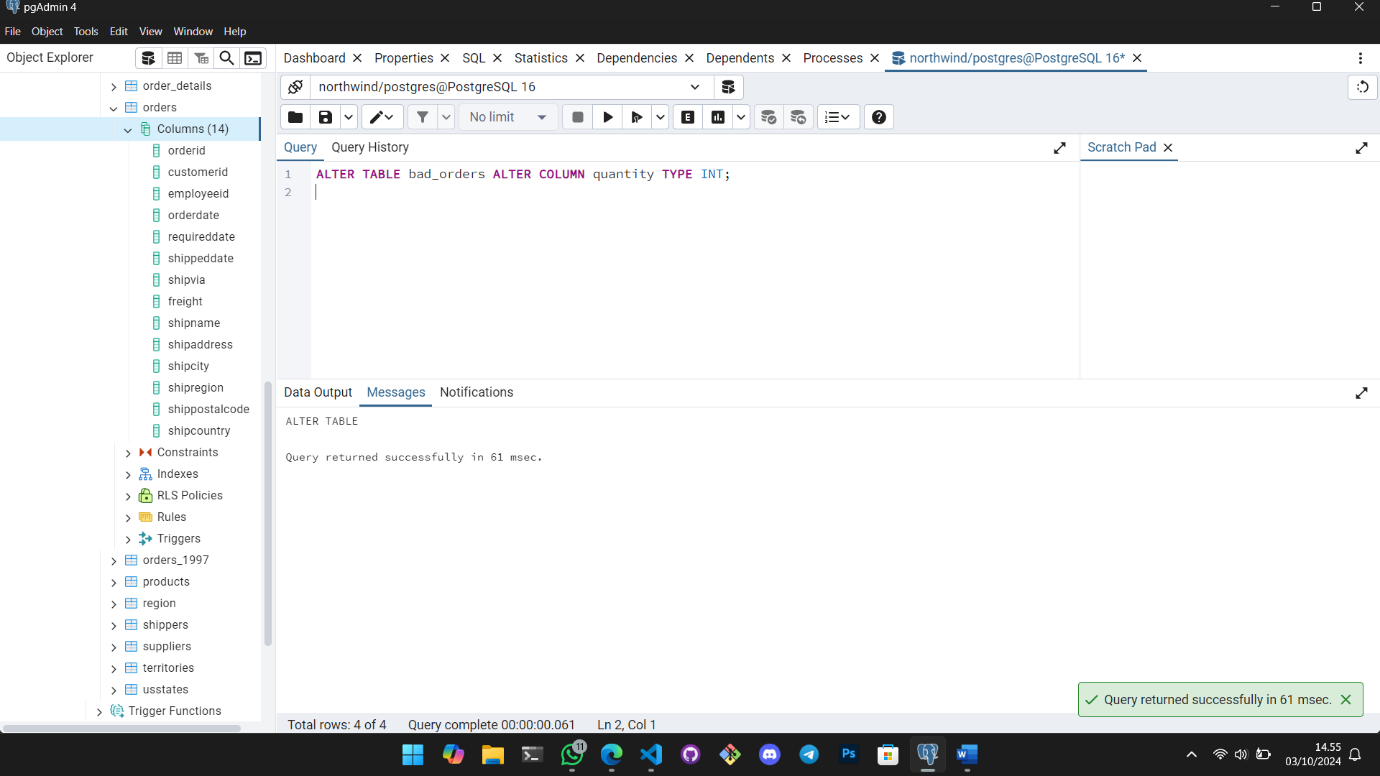
*ALTER TABLE bad\_orders ADD COLUMN reason TEXT;*

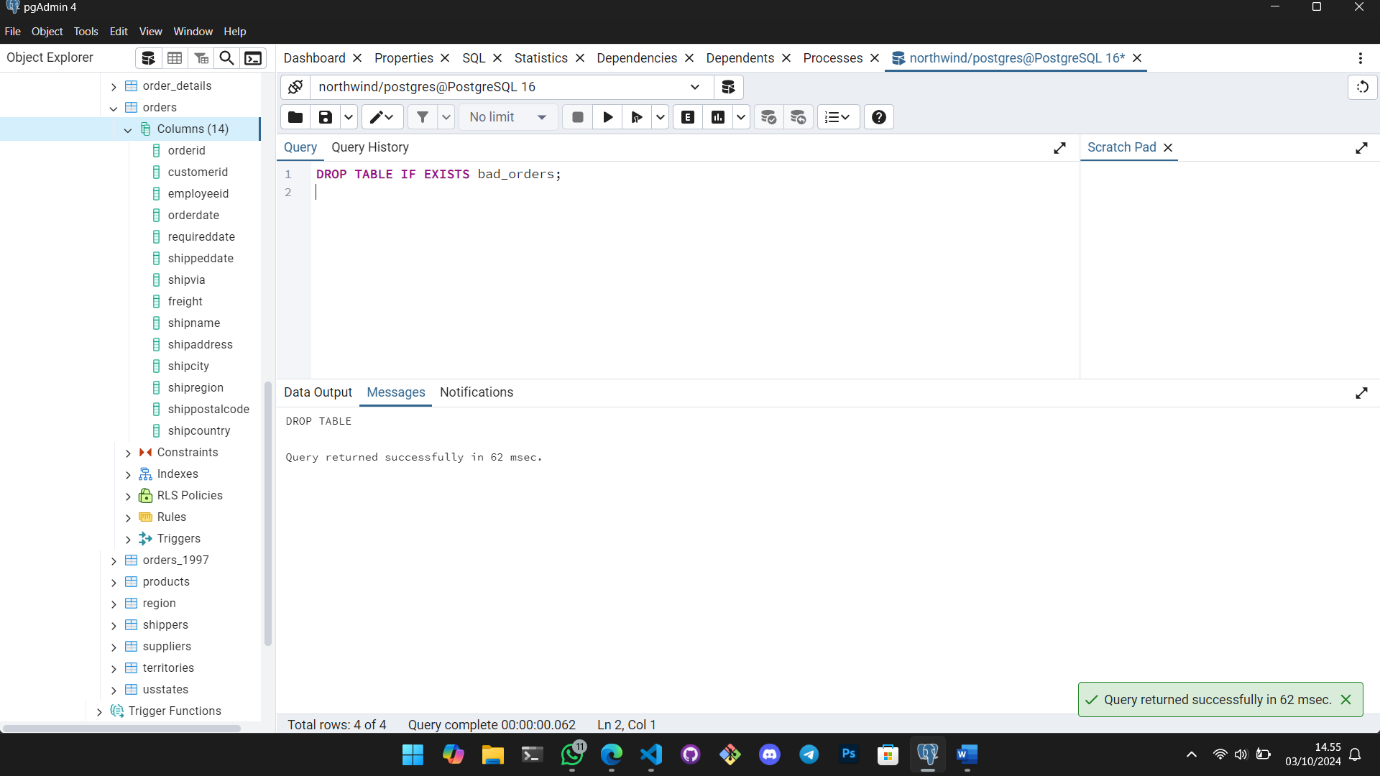
  
7. On bad\_orders table remove reason field

*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**