NAMA : M.AFRIZAL

NIM : 23241008

Kelas : A

Modul : modul 4 : ORDER BY, FUNGSI AGREGASI, GROUP BY, dan HAVING

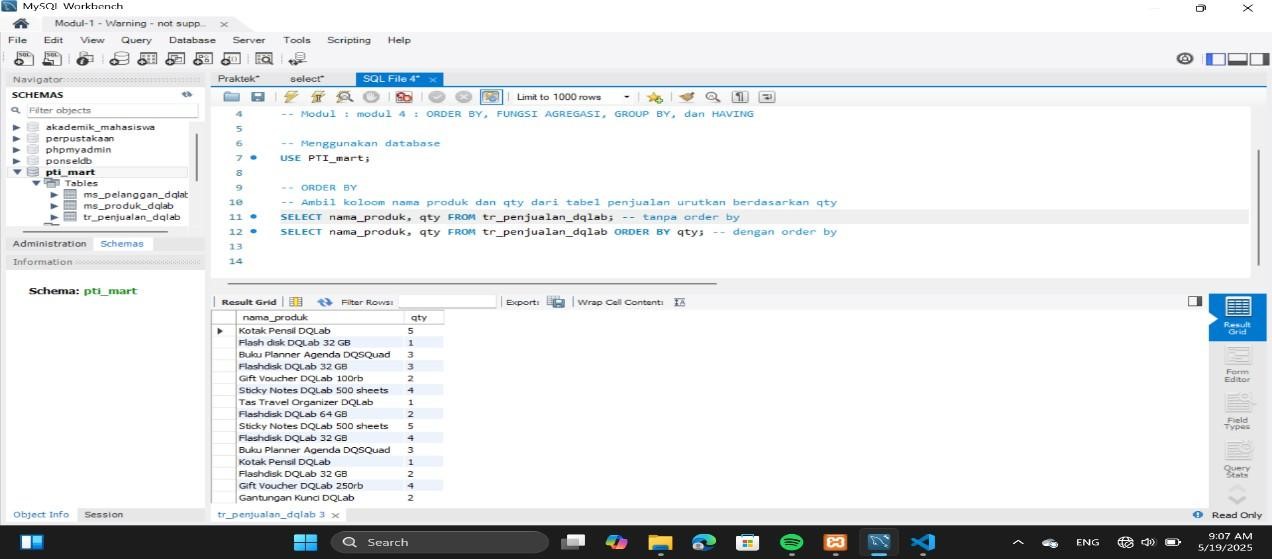
-- Menggunakan database

USE PTI\_mart;

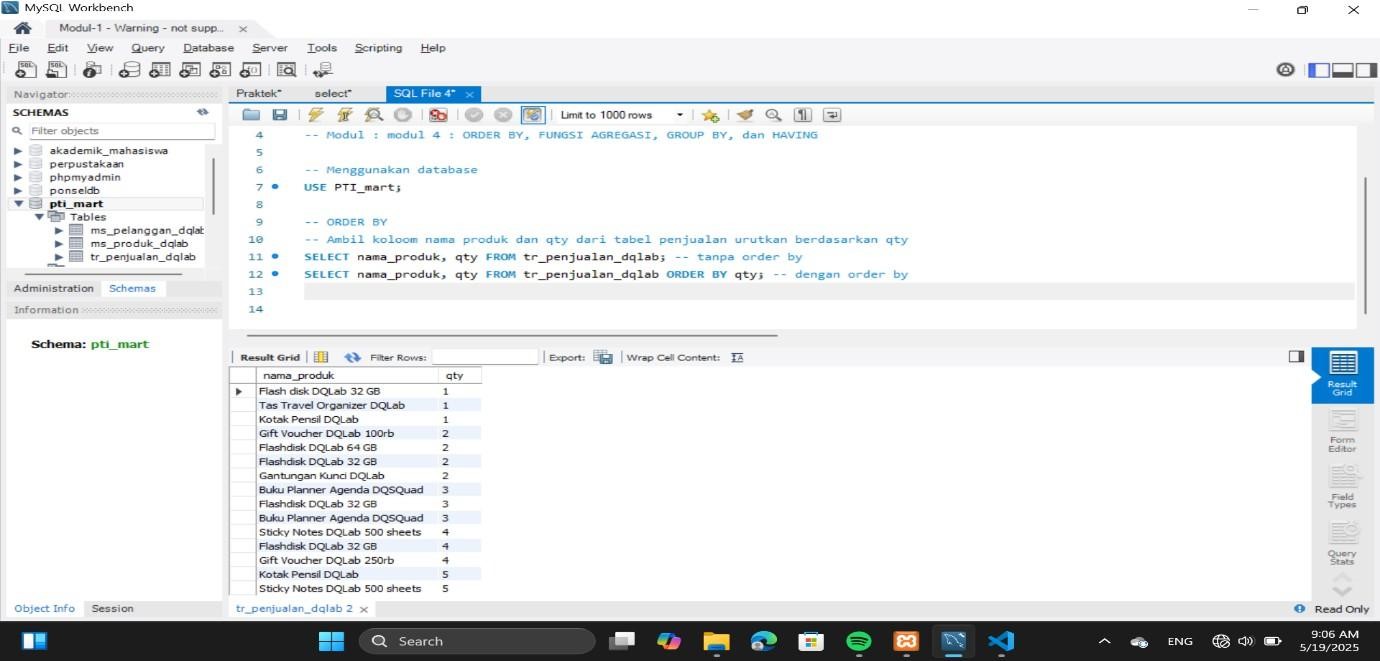
# -- ORDER BY

-- Ambil koloom nama produk dan qty dari tabel penjualan urutkan berdasarkan qty

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab; -- tanpa order by



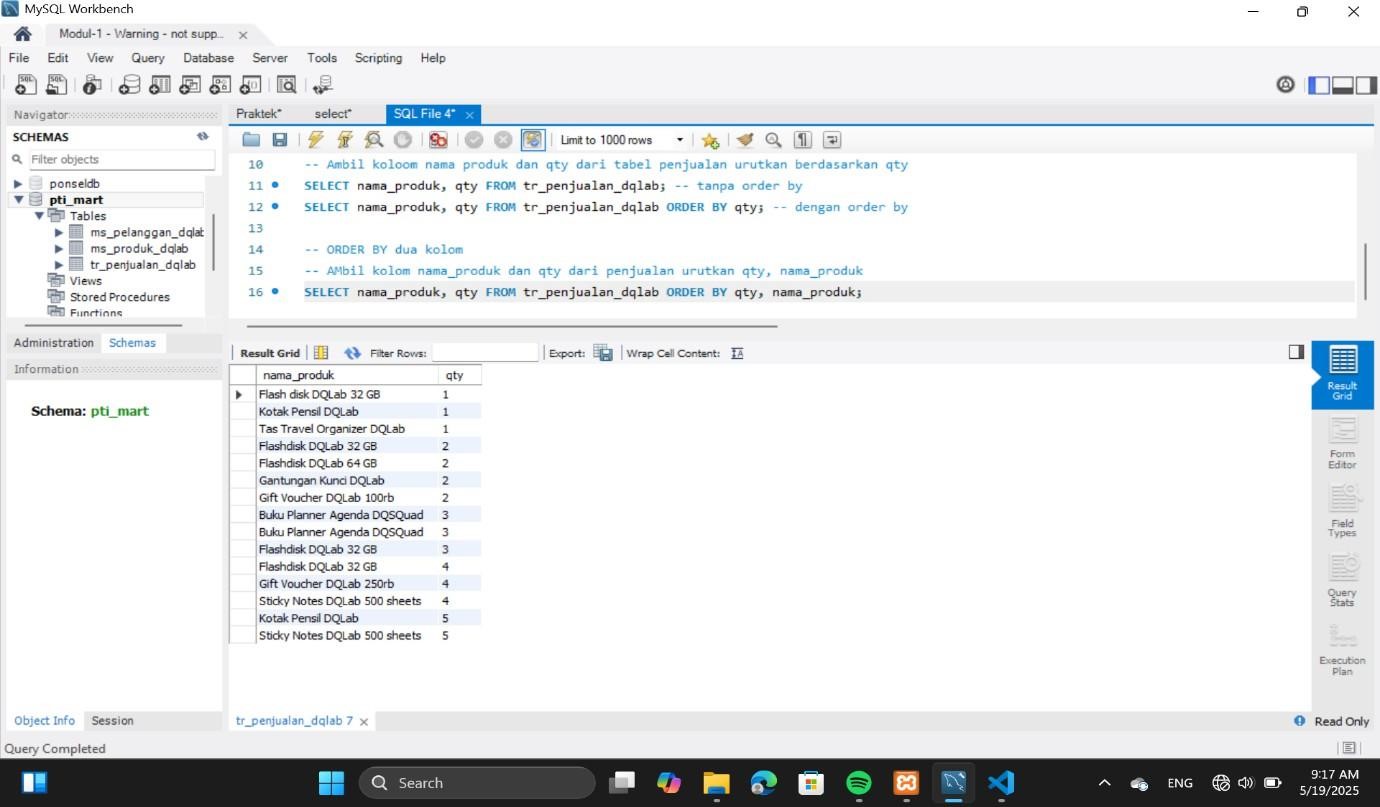
SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty; -- dengan order by



# -- ORDER BY 2 kolom

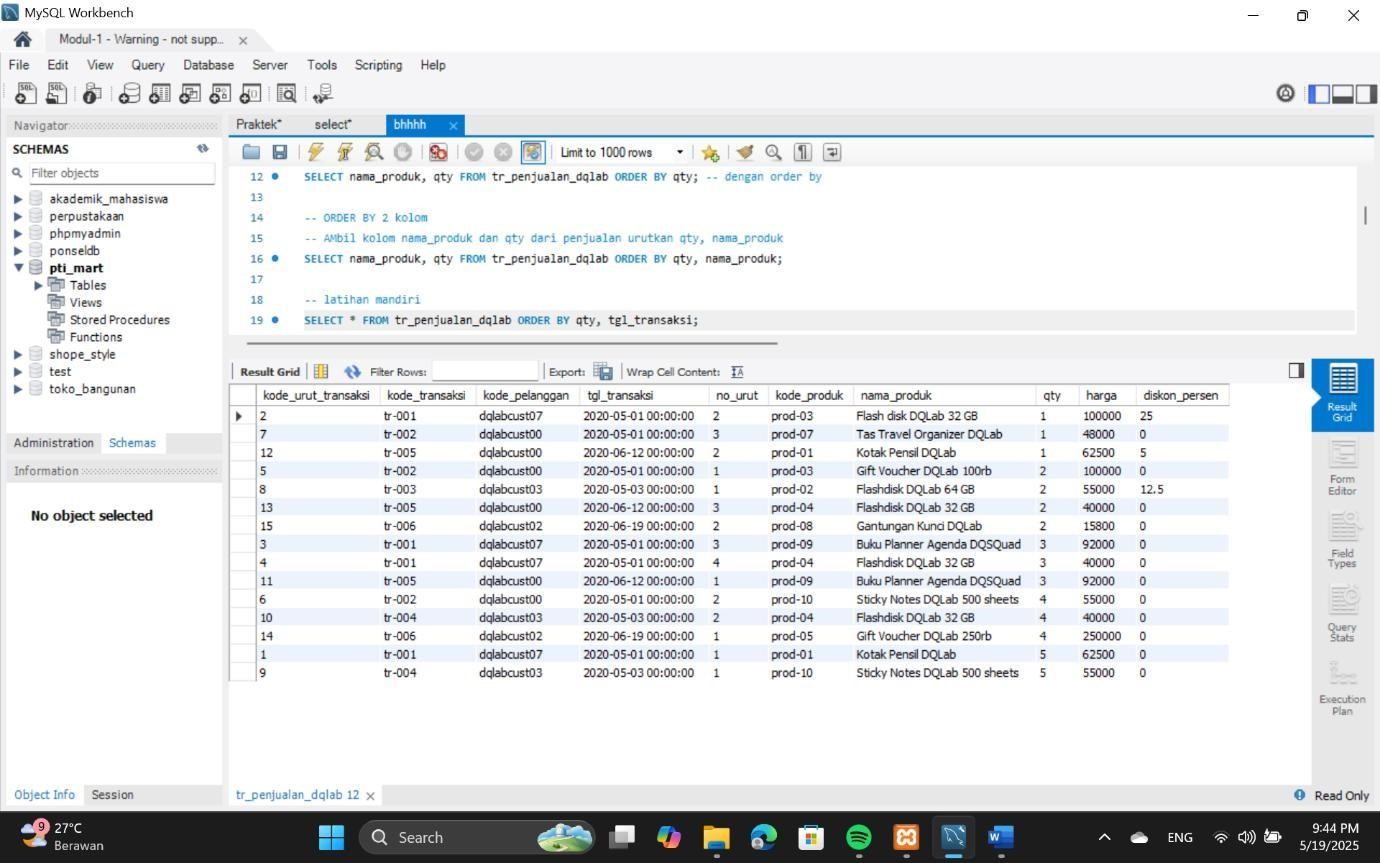
-- AMbil kolom nama\_produk dan qty dari penjualan urutkan qty, nama\_produk

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty, nama\_produk;

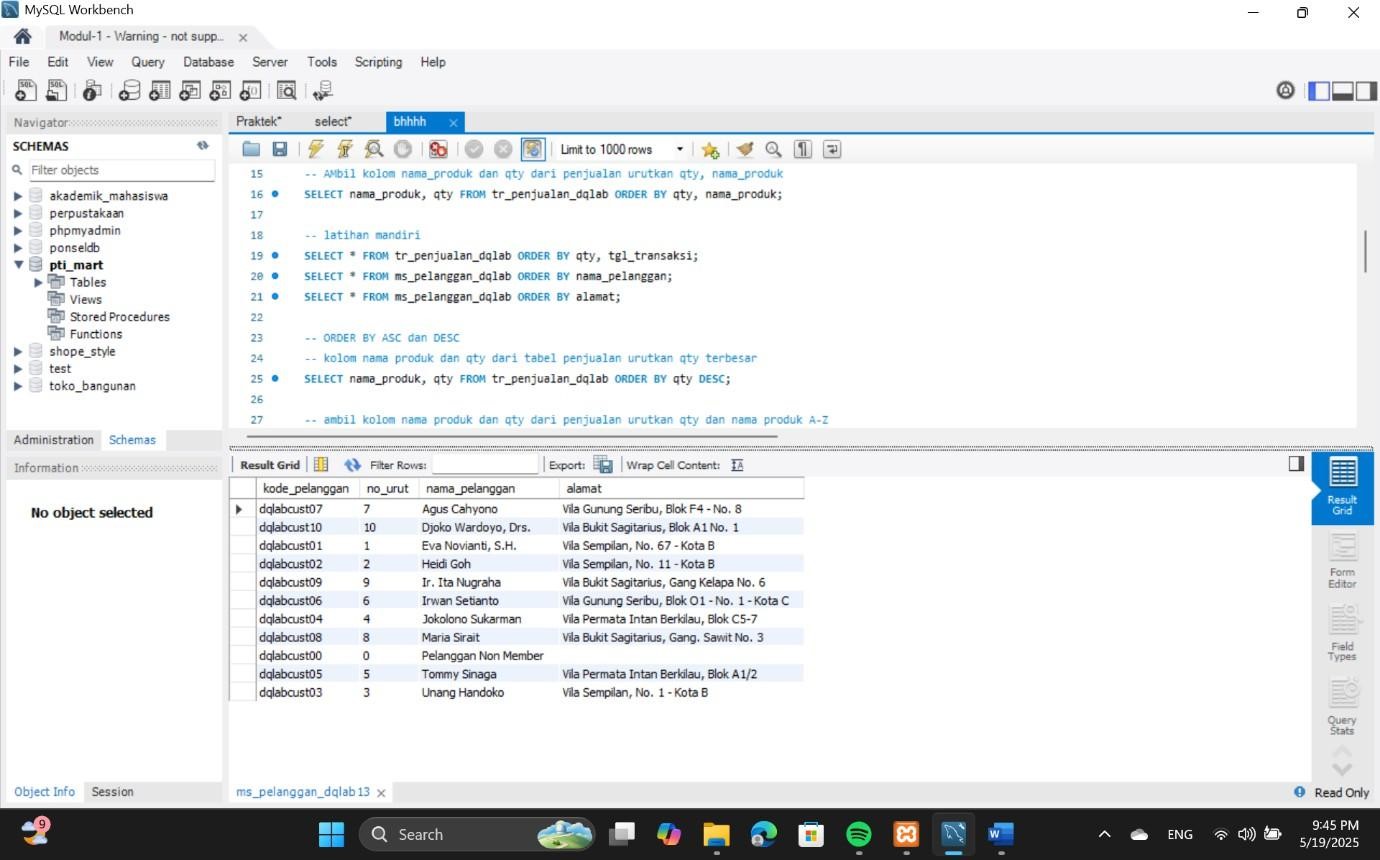


# -- latihan mandiri

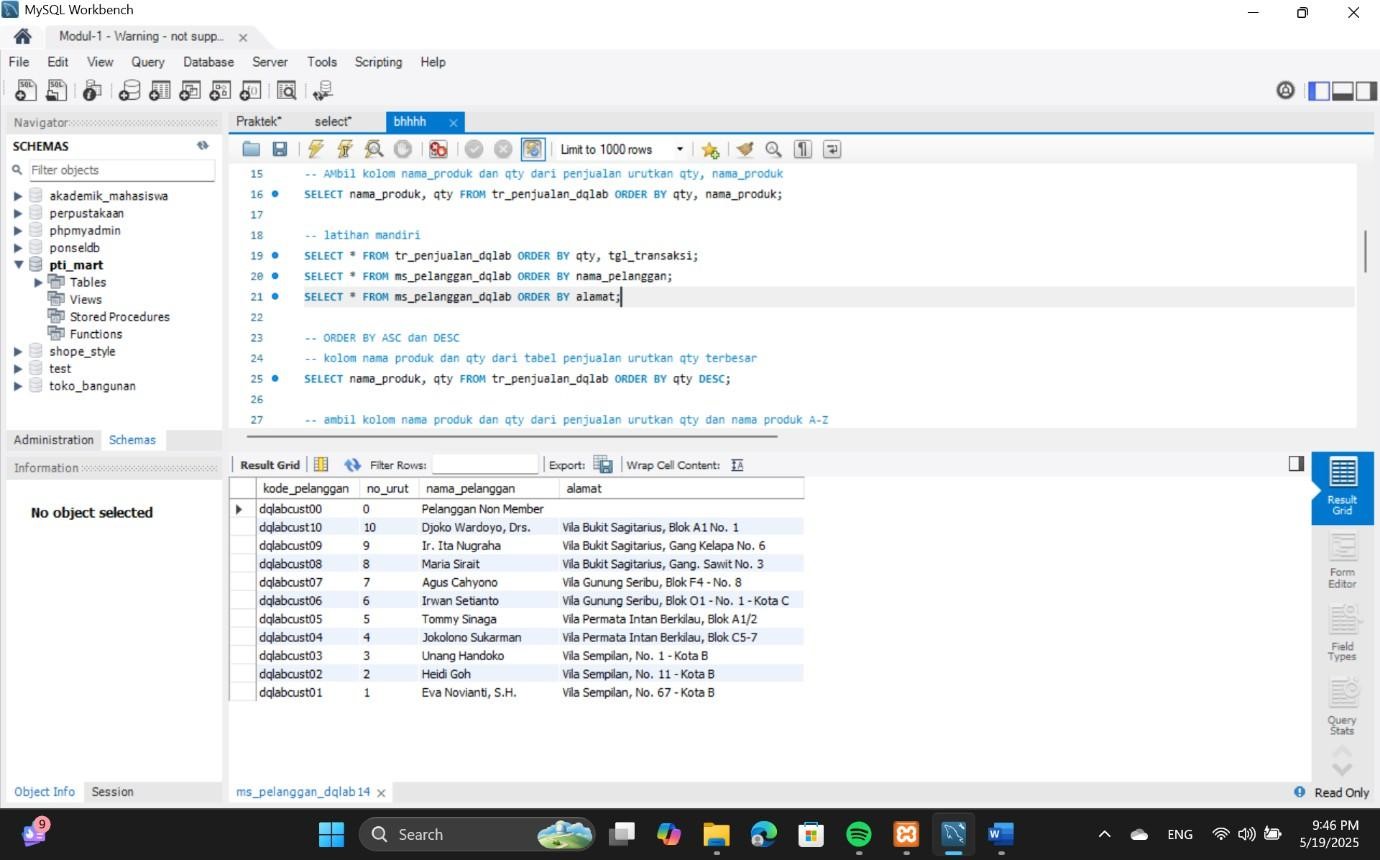
SELECT \* FROM tr\_penjualan\_dqlab ORDER BY qty, tgl\_transaksi;



SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY nama\_pelanggan;



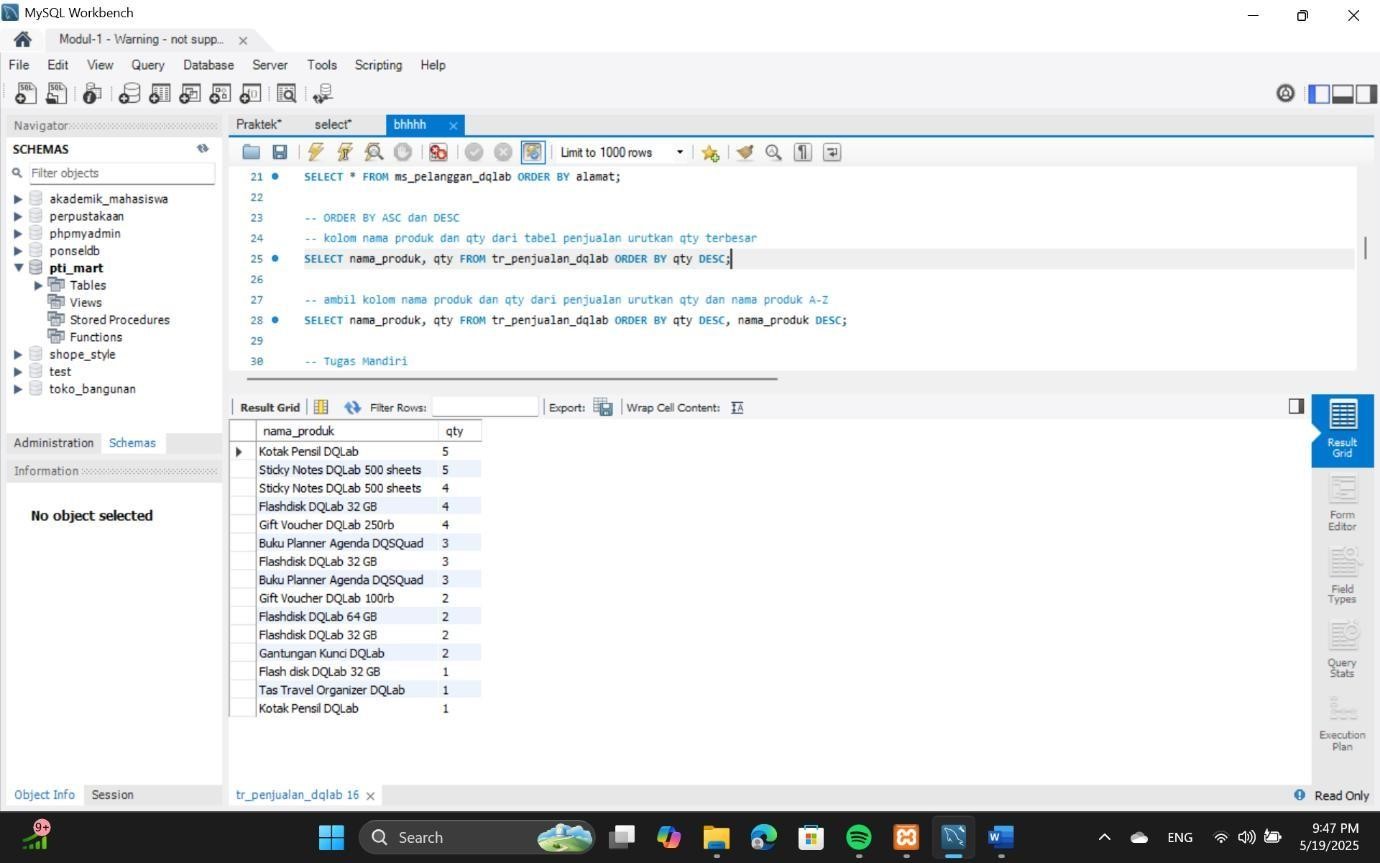
SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY alamat;



# -- ORDER BY ASC dan DESC

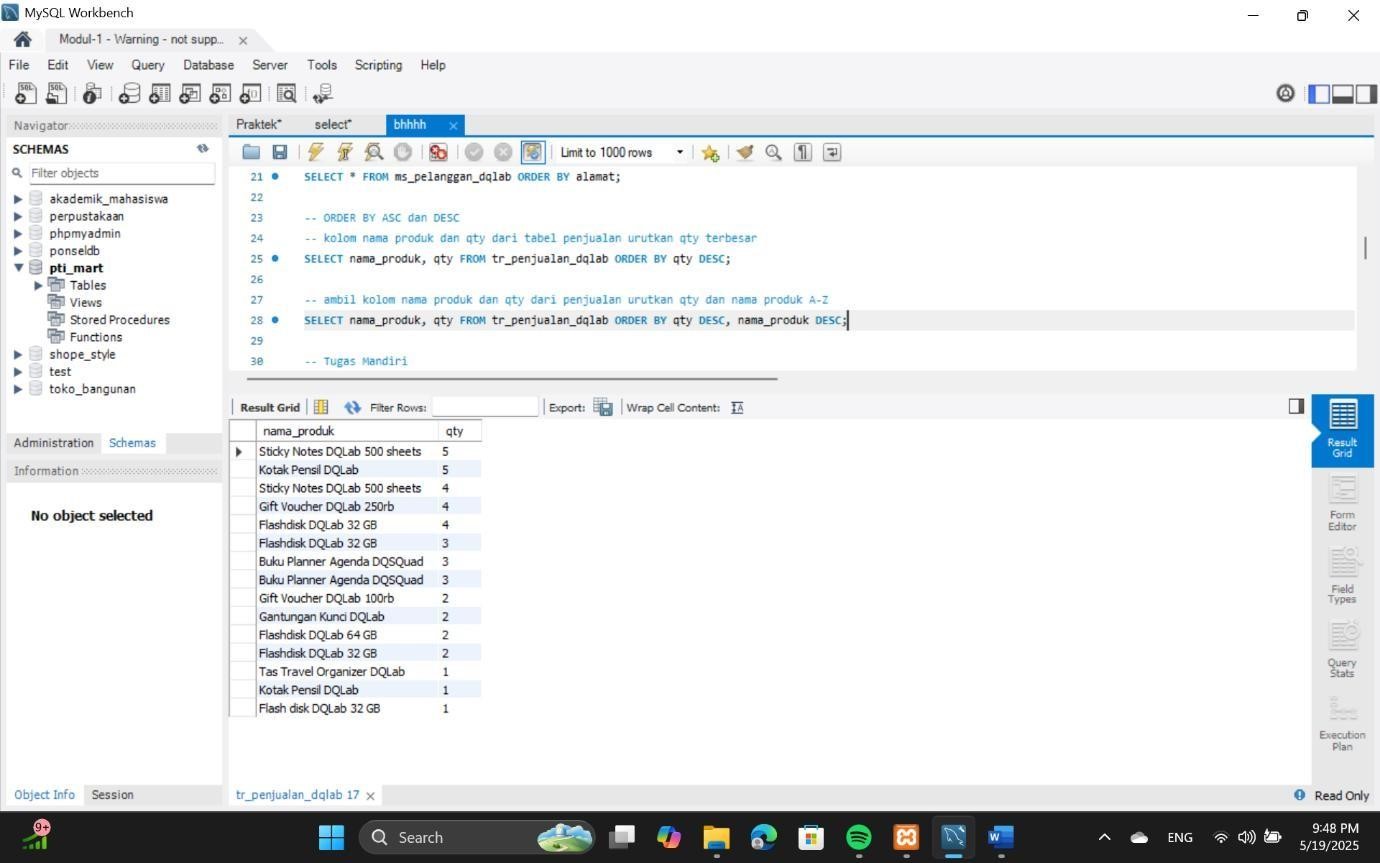
-- kolom nama produk dan qty dari tabel penjualan urutkan qty terbesar

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC;



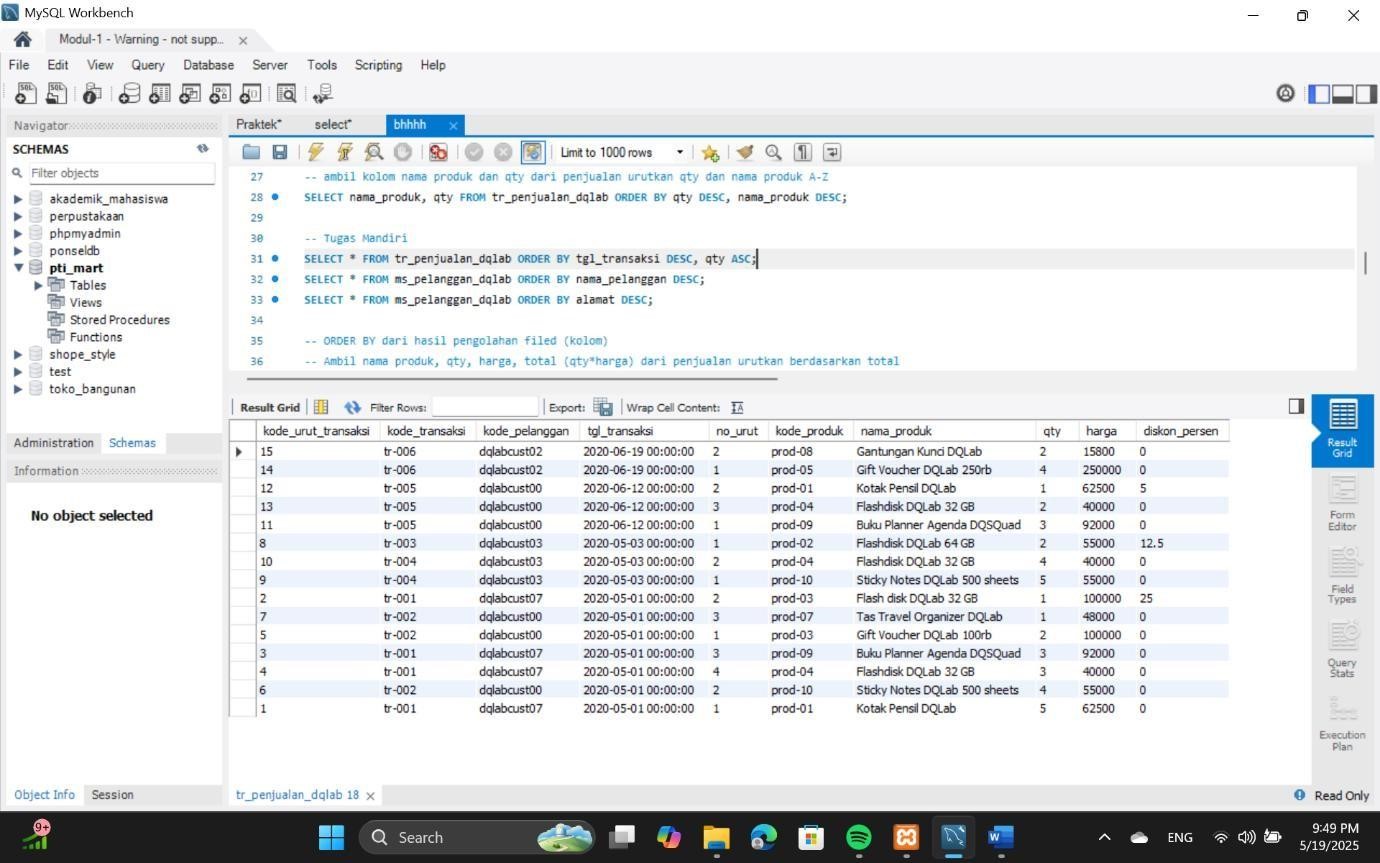
-- ambil kolom nama produk dan qty dari penjualan urutkan qty dan nama produk A-Z

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab ORDER BY qty DESC, nama\_produk DESC;

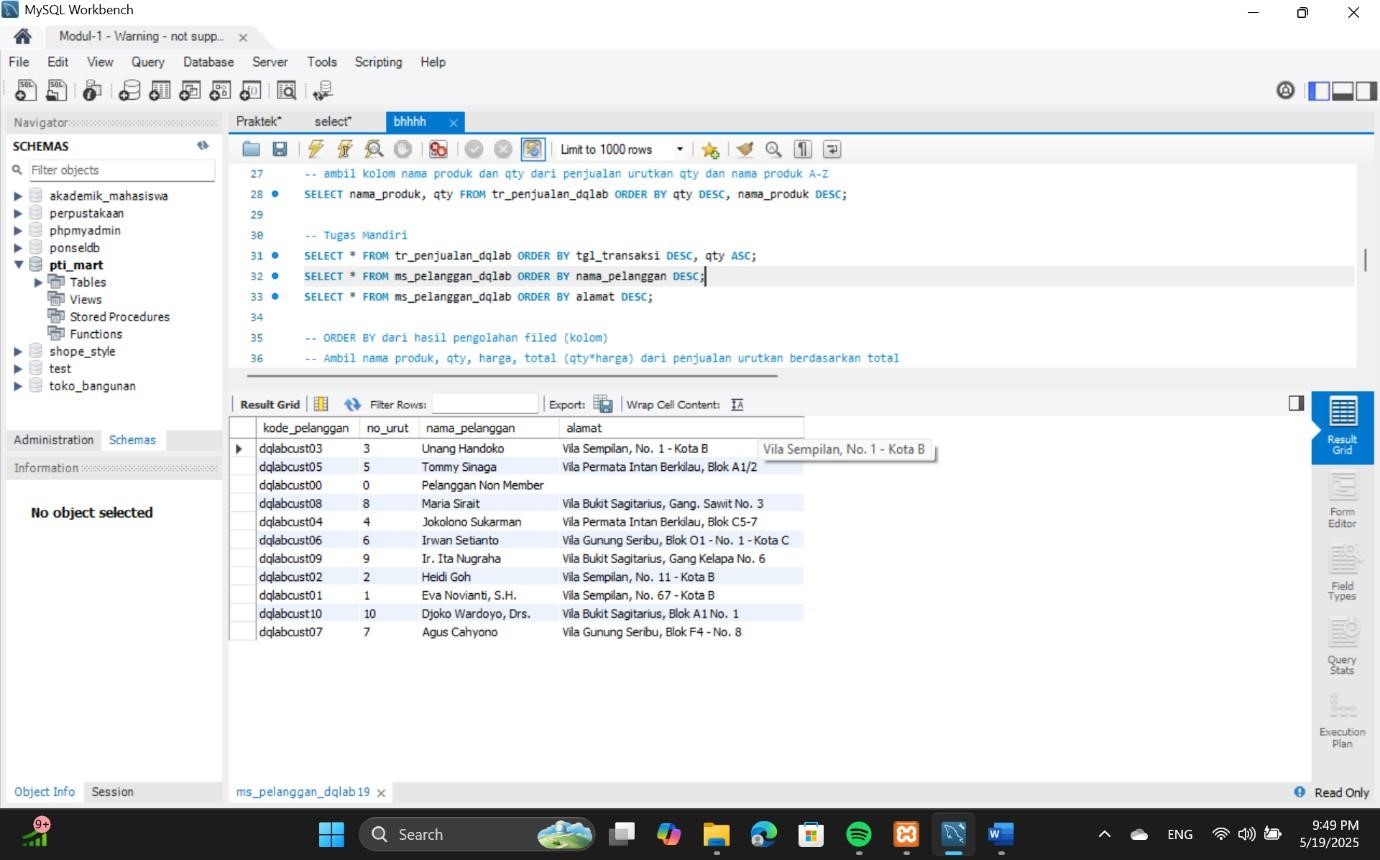


# -- Tugas Mandiri

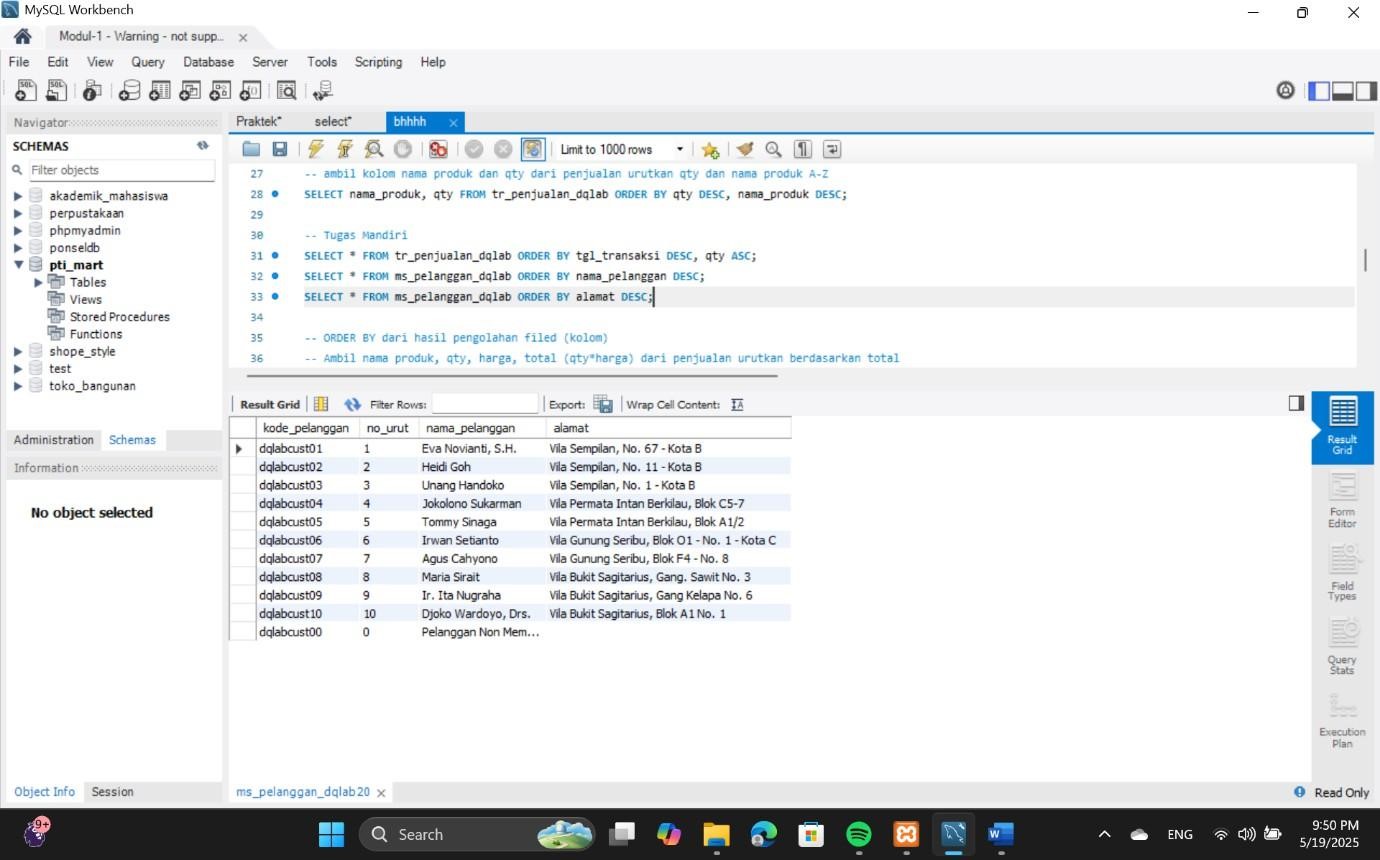
SELECT \* FROM tr\_penjualan\_dqlab ORDER BY tgl\_transaksi DESC, qty ASC;



SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY nama\_pelanggan DESC;



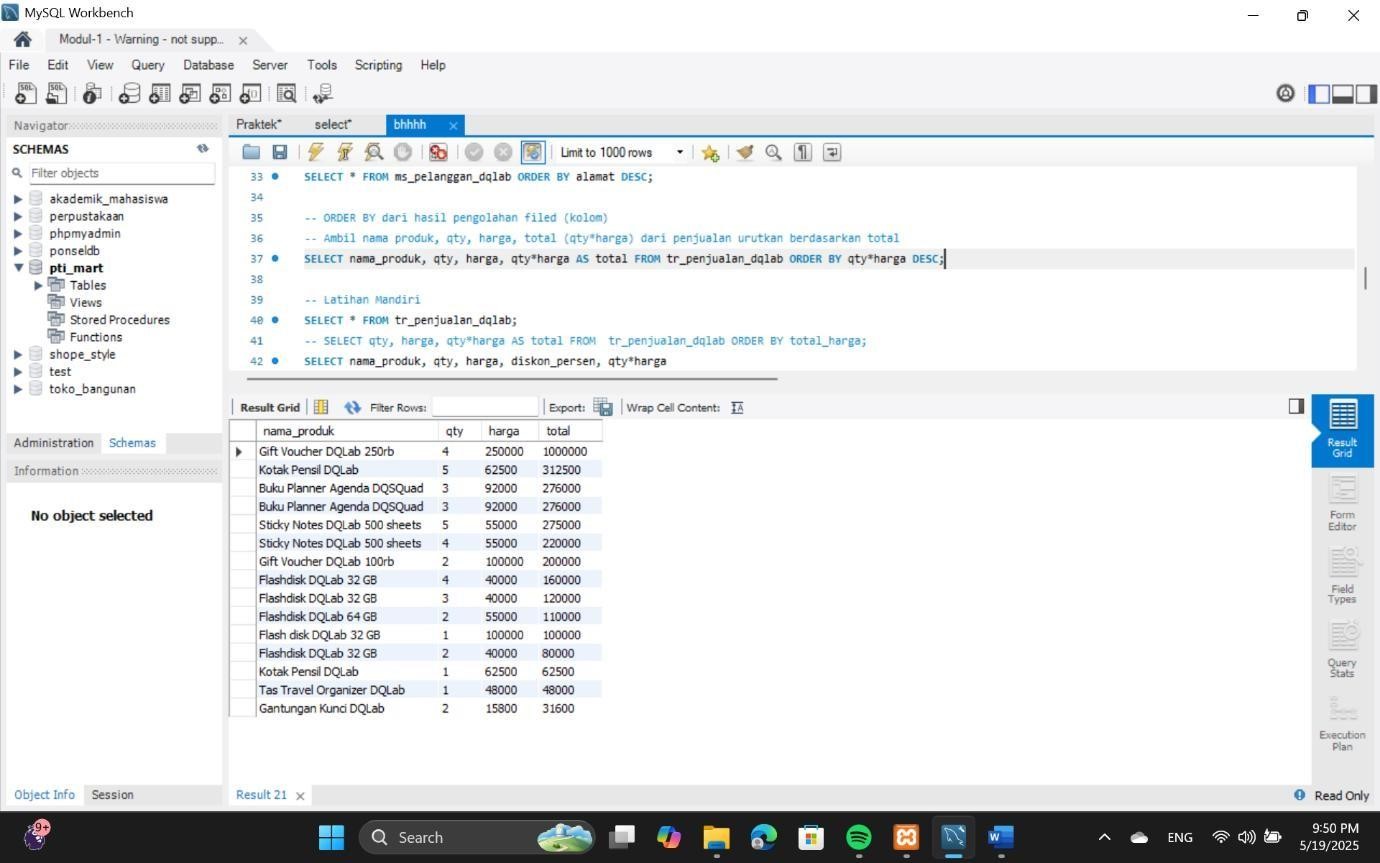
SELECT \* FROM ms\_pelanggan\_dqlab ORDER BY alamat DESC;



# -- ORDER BY dari hasil pengolahan filed (kolom)

-- Ambil nama produk, qty, harga, total (qty\*harga) dari penjualan urutkan berdasarkan total

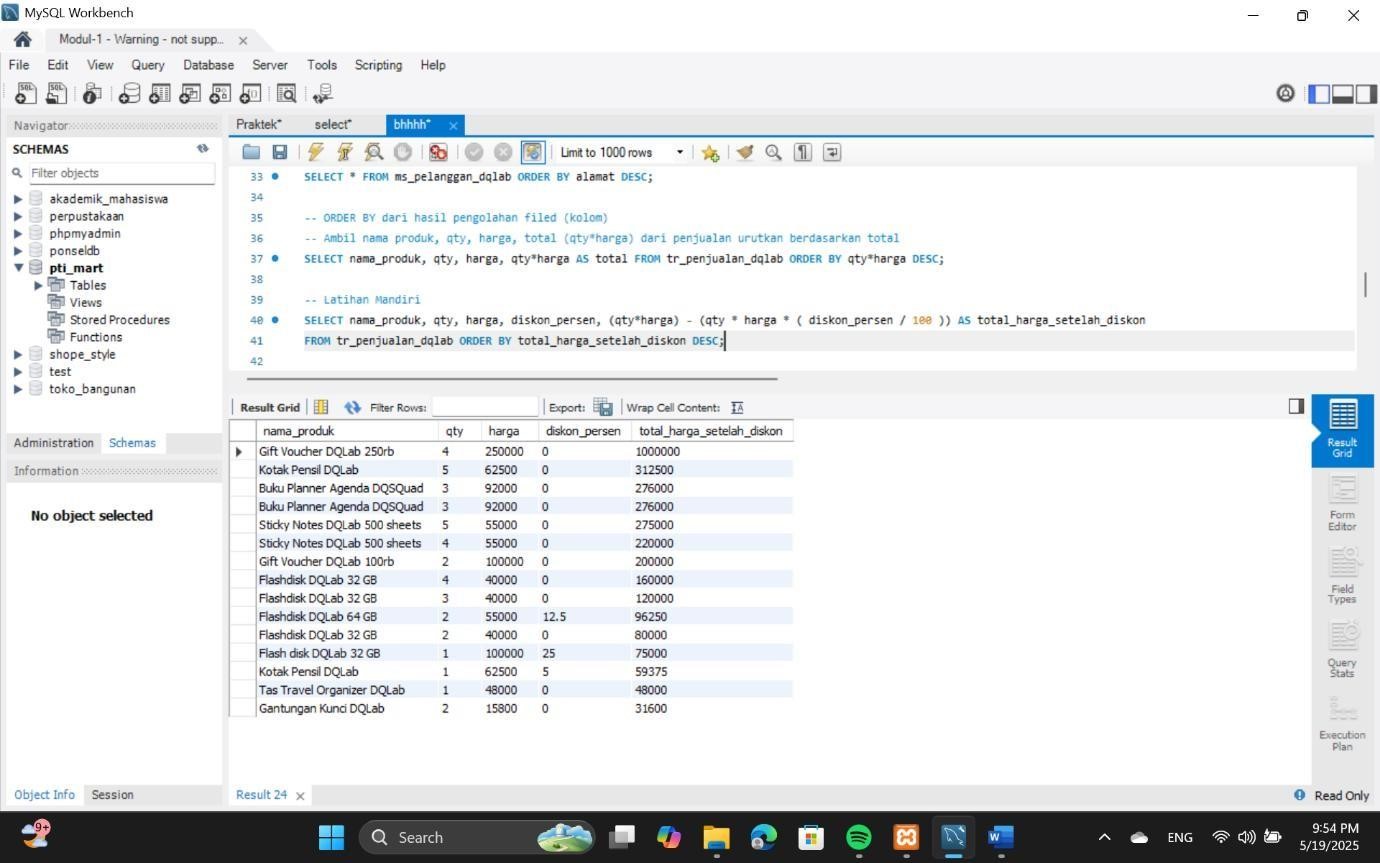
SELECT nama\_produk, qty, harga, qty\*harga AS total FROM tr\_penjualan\_dqlab ORDER BY qty\*harga DESC;



# -- Latihan Mandiri

SELECT nama\_produk, qty, harga, diskon\_persen, (qty\*harga) - (qty \* harga \* ( diskon\_persen / 100 )) AS total\_harga\_setelah\_diskon

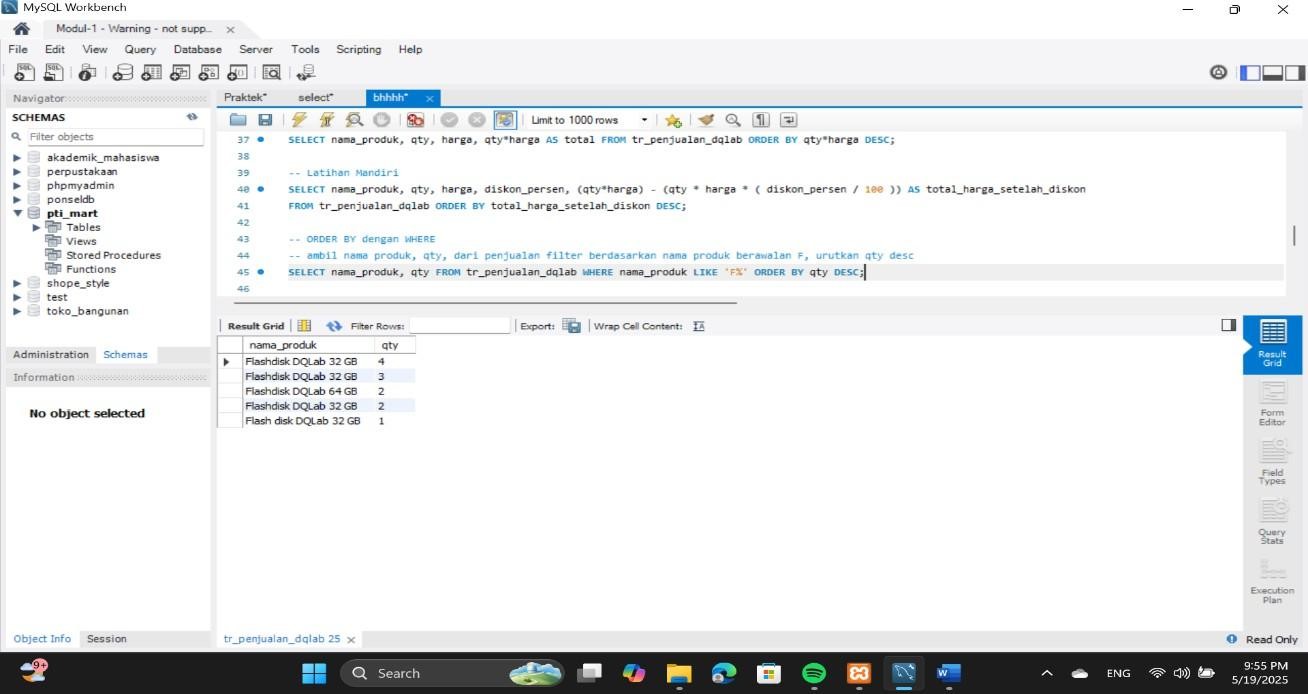
FROM tr\_penjualan\_dqlab ORDER BY total\_harga\_setelah\_diskon DESC;



# -- ORDER BY dengan WHERE

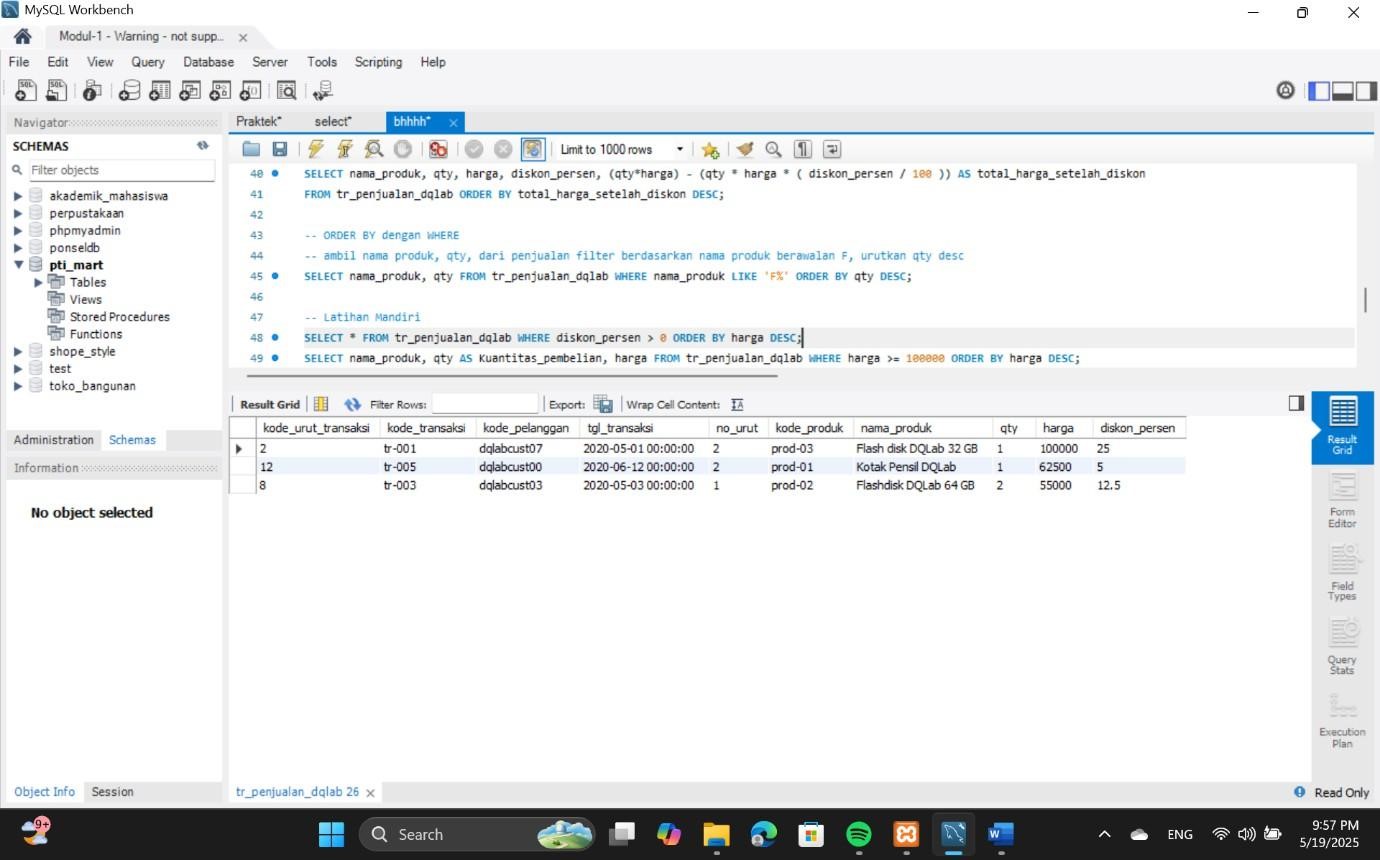
-- ambil nama produk, qty, dari penjualan filter berdasarkan nama produk berawalan F, urutkan qty desc

SELECT nama\_produk, qty FROM tr\_penjualan\_dqlab WHERE nama\_produk LIKE 'F%' ORDER BY qty DESC;

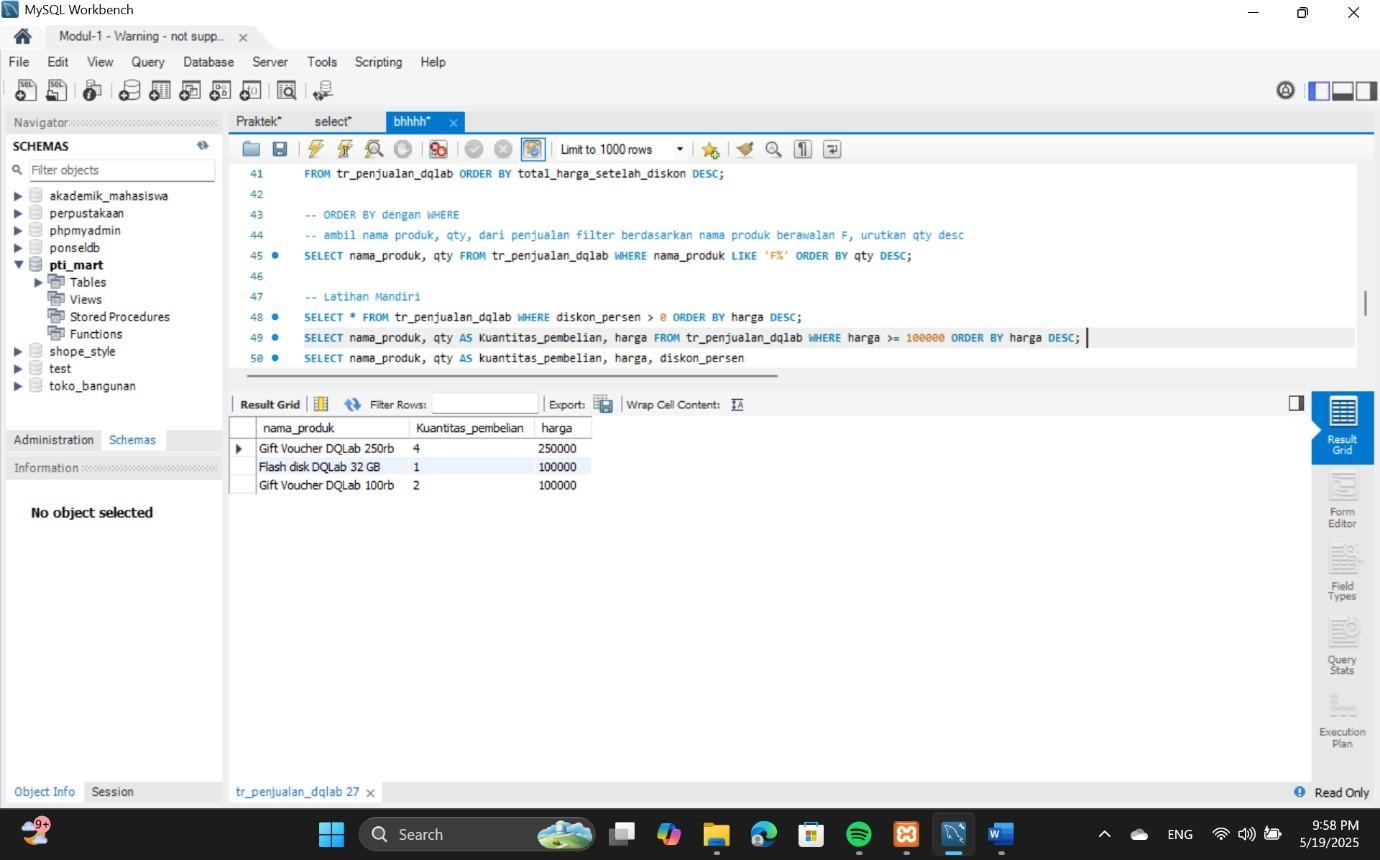


# -- Latihan Mandiri

SELECT \* FROM tr\_penjualan\_dqlab WHERE diskon\_persen > 0 ORDER BY harga DESC;

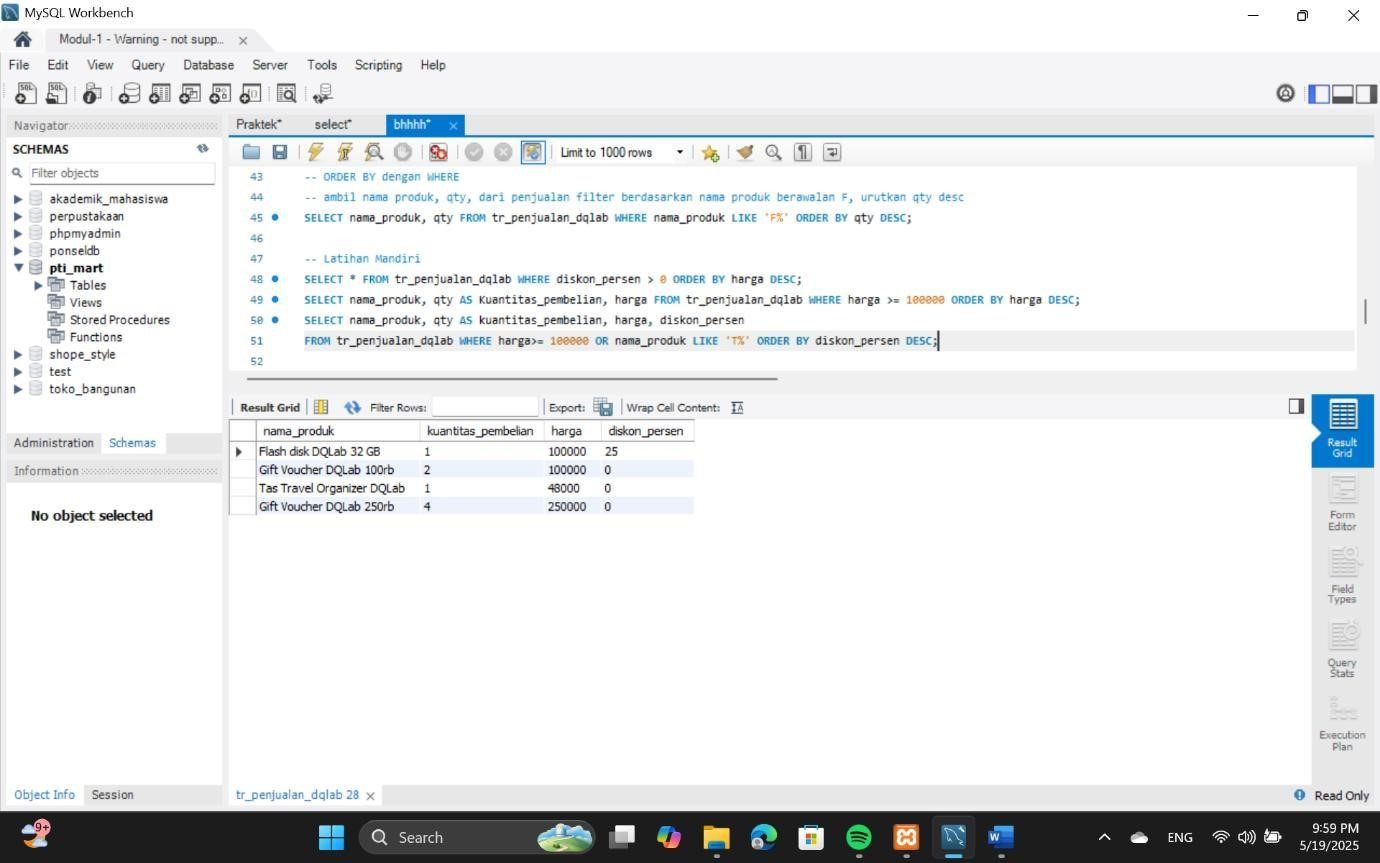


SELECT nama\_produk, qty AS Kuantitas\_pembelian, harga FROM tr\_penjualan\_dqlab WHERE harga >= 100000 ORDER BY harga DESC;



SELECT nama\_produk, qty AS kuantitas\_pembelian, harga, diskon\_persen

FROM tr\_penjualan\_dqlab WHERE harga>= 100000 OR nama\_produk LIKE 'T%' ORDER BY diskon\_persen DESC;



-- Fungsi Agregasi

-- Hituung penjualan nilai qty dari seluruh baris (row) pada tb penjualan

SELECT sum(qty) FROM tr\_penjualan\_dqlab;

