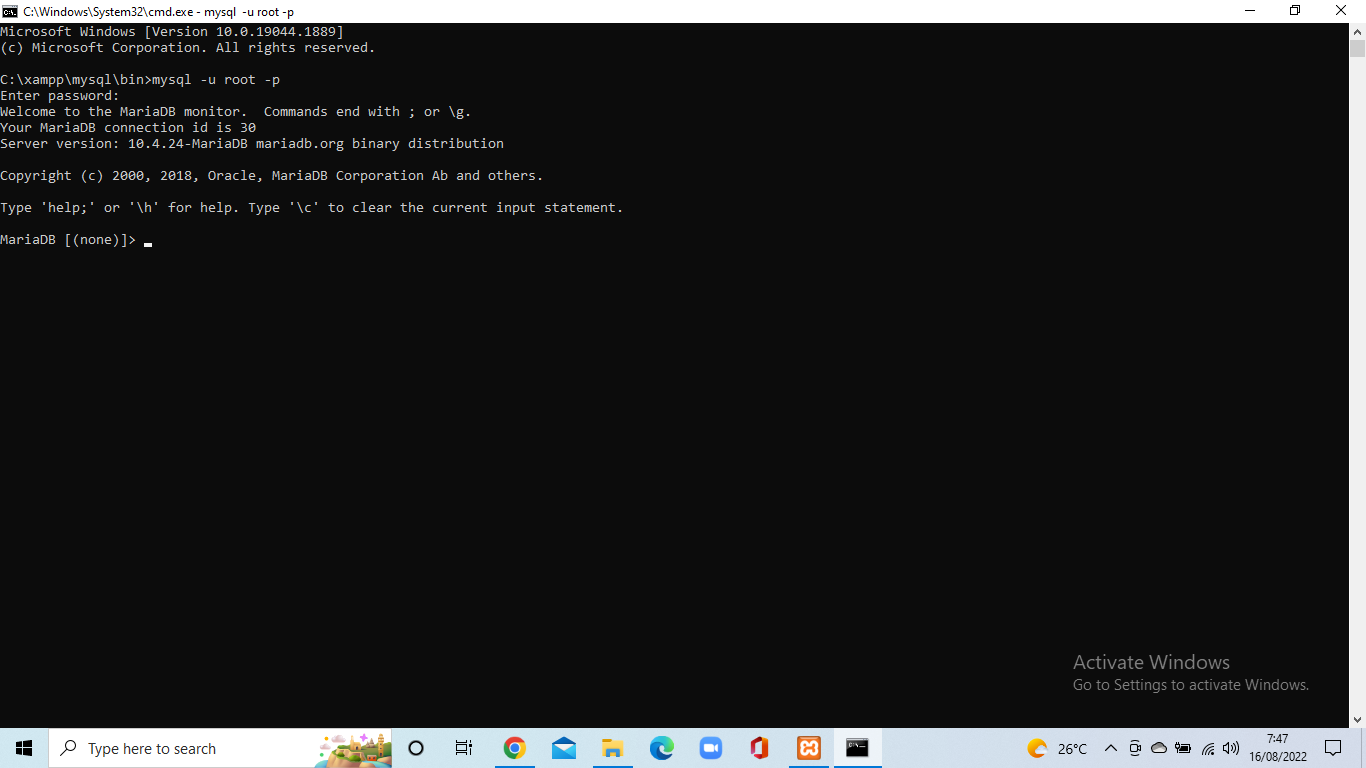
Nomor Absen : 35

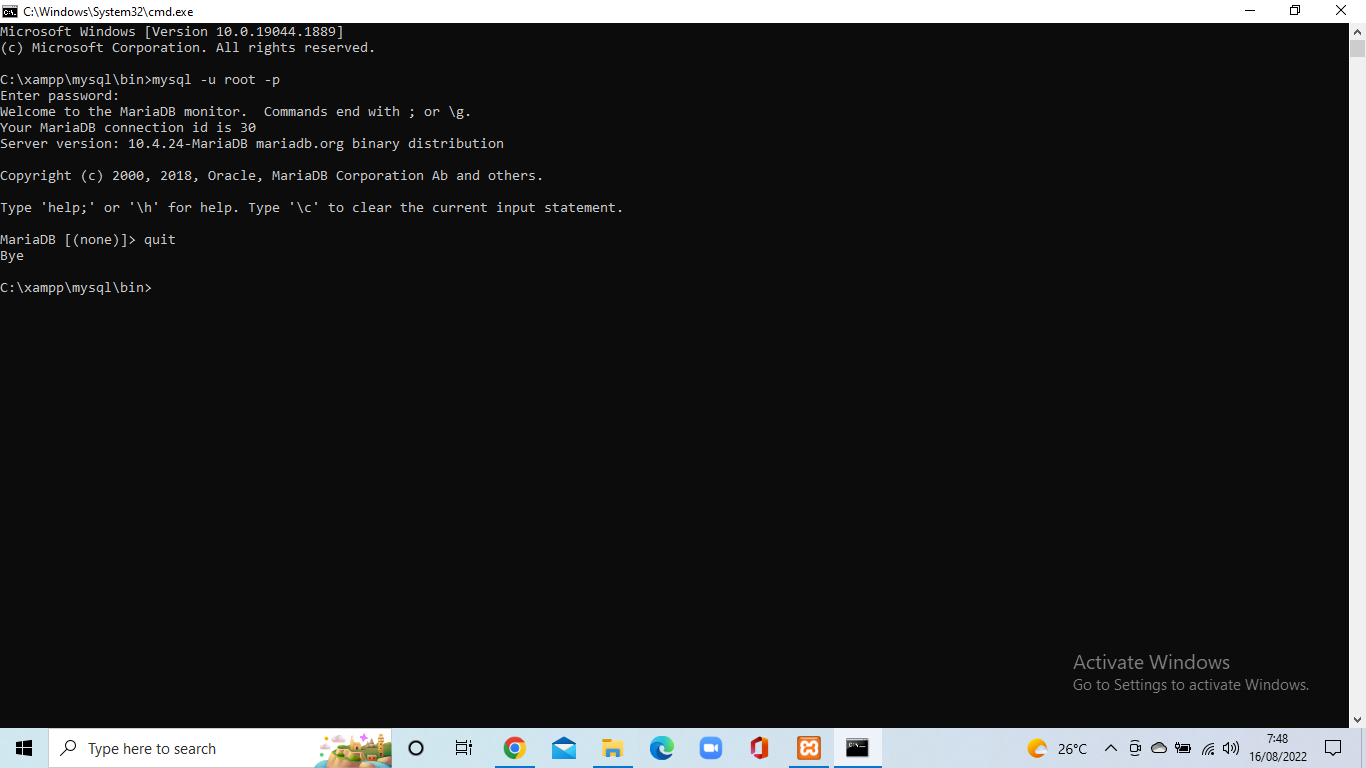
Nama : Yappier Albertus F.K.P.

Tugas : DATABASE MYSQL

1. Cara membuka database menggunakan cmd



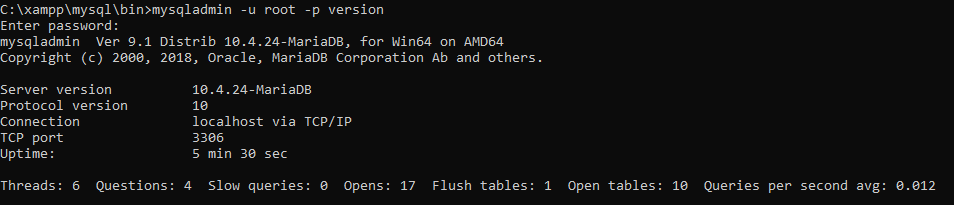
2.Cara keluar database menggunakan cmd



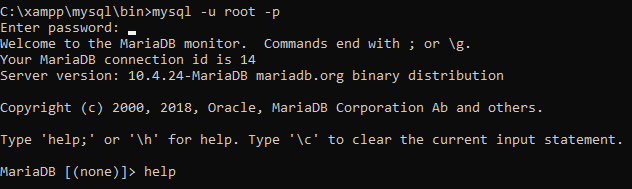
3.Cara cek sql jalan atau tidak dan akan muncul alive jika aktif



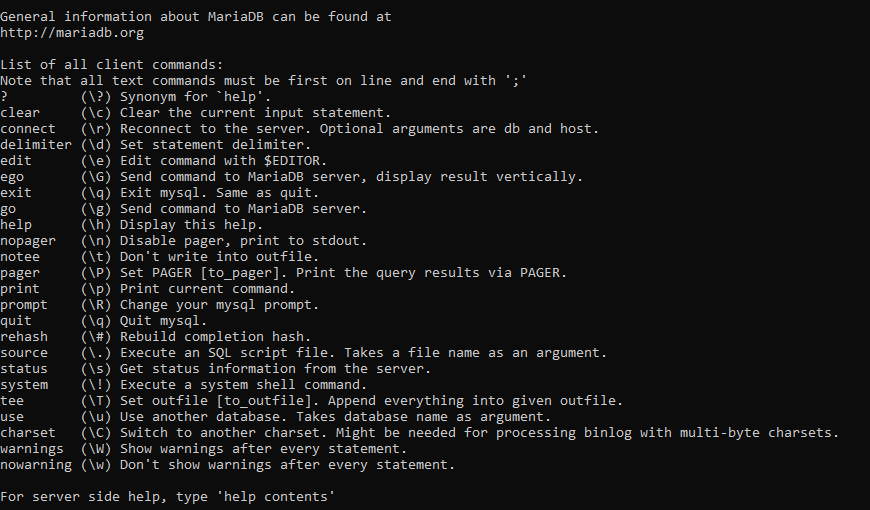
4.Cara cek versi mysql dan hasilnya



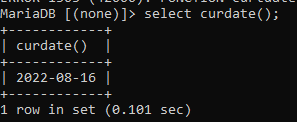
5.Cara menampilkan command apa saja yang bisa digunakan pada mariadb dengan help



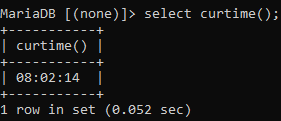
dan akan muncul



6.Cara menampilkan tanggal di cmd

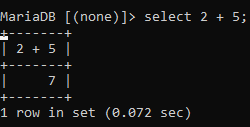


7. Cara menampilkan jam di cmd mysql

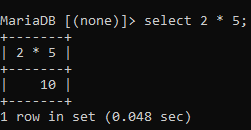


8.Menggunakan kalkulator :

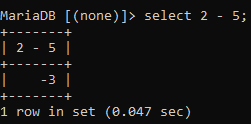
-penjumlahan



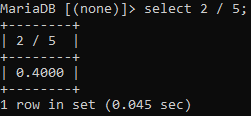
-perkalian



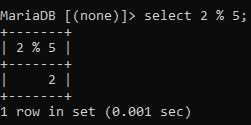
-pengurangan



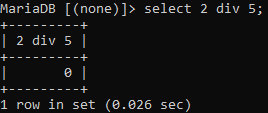
-pembagian



-modulo(sisa pembagian)



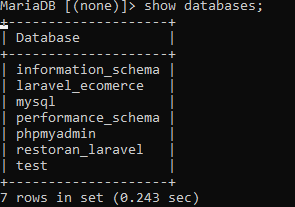
-hasil pembagian integer utuh



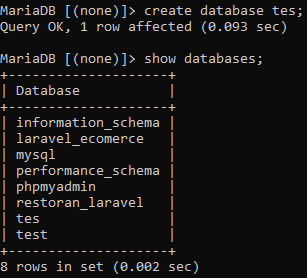
DDL

(DATA DEFINITION LANGUAGE)

9.Menampilkan database



10.Membuat database



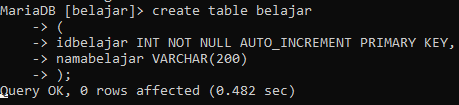
11.Menghapus database



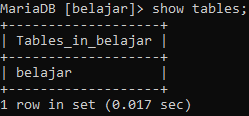
12.Membuka database



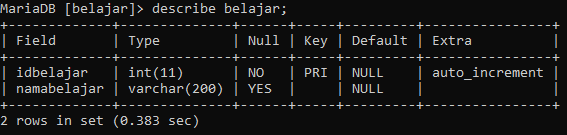
13.Membuat tabel



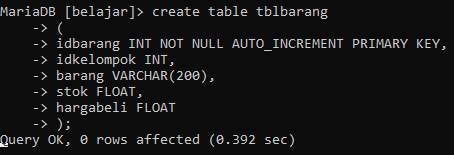
14. Menampilkan tabel



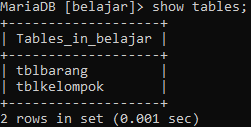
15.Menampilkan struktur tabel



16. Membuat tabel barang



17.Menampilkan table yang baru dibuat



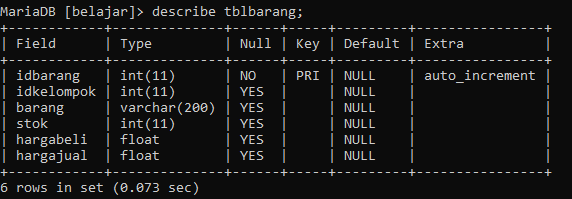
18.Menambah kolom



19.Merubah tipe data



20.Memeriksa ulang isi tabel setelah menambah hargajual dan merubah tipe data

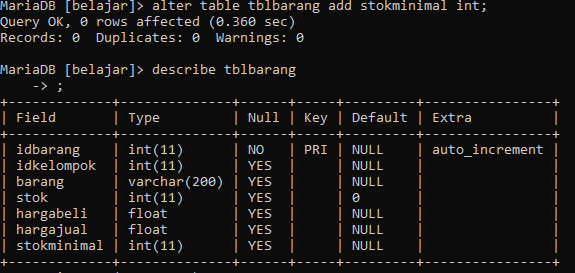


21.Memberi nilai default pada kolom

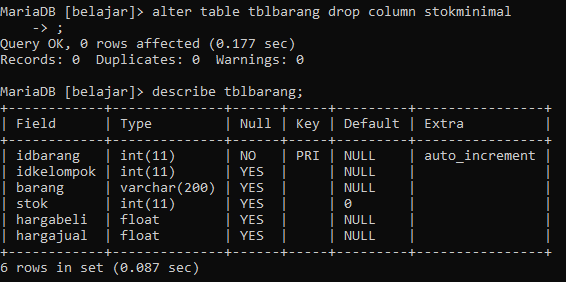


22. Menghapus kolom

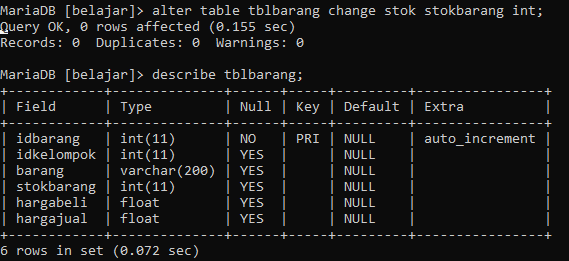
pertama kita buat kolomnya dulu



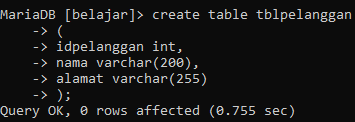
kemudian



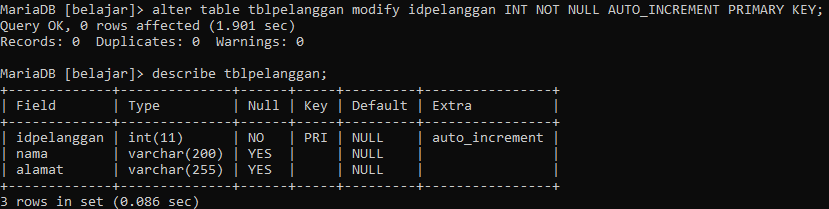
28.Merubah nama kolom



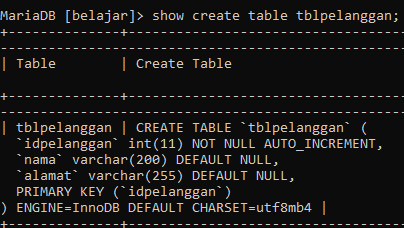
29.Membuat tblpelanggan



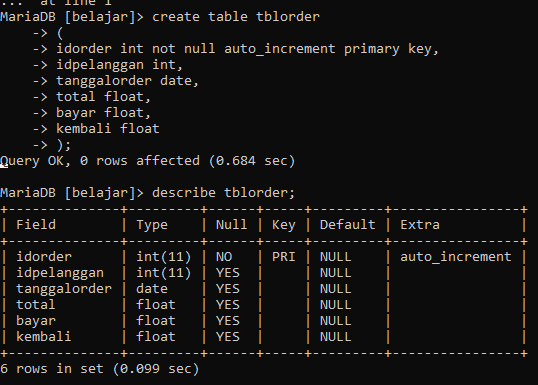
30.Menambah Primary Key



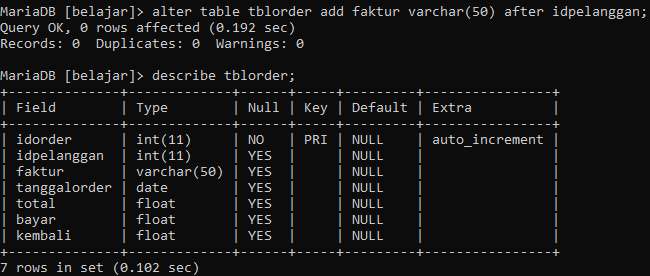
31.Menampilkan engine yang digunakan



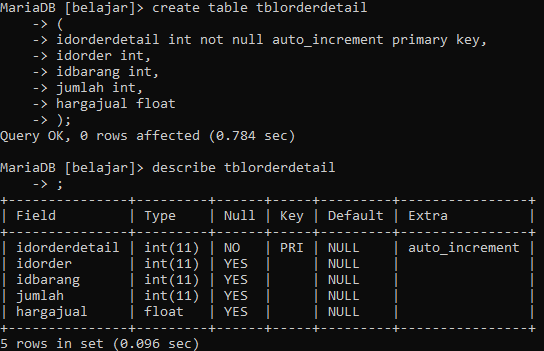
32.Membuat tabel order



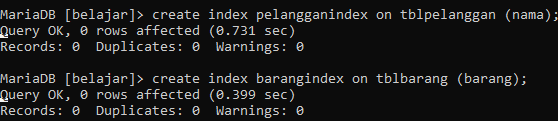
33. Menambah kolom diantara kolom



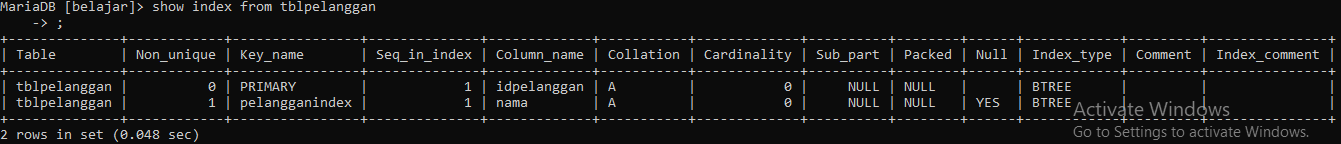
34.Membuat tblorderdetail



35. Membuat index



36.Menampilkan index



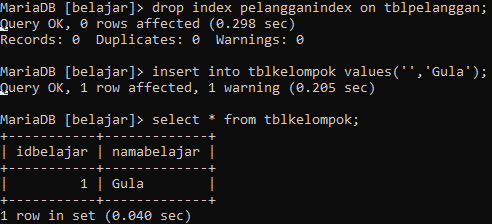
37.Menghapus index



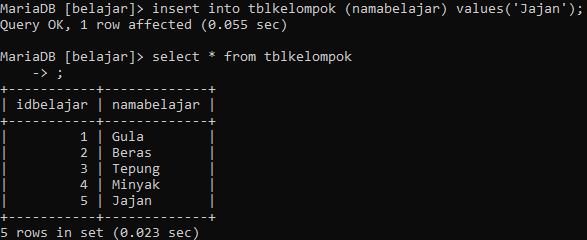
DML

(Data Manipulation Language)

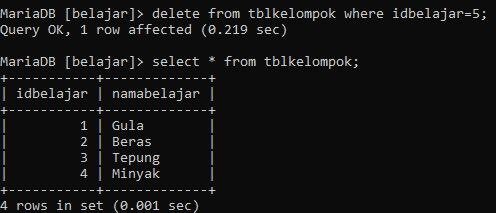
38. Insert semua kolom



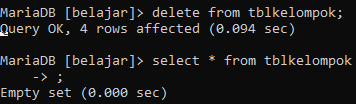
39.Inser sebagian kolom



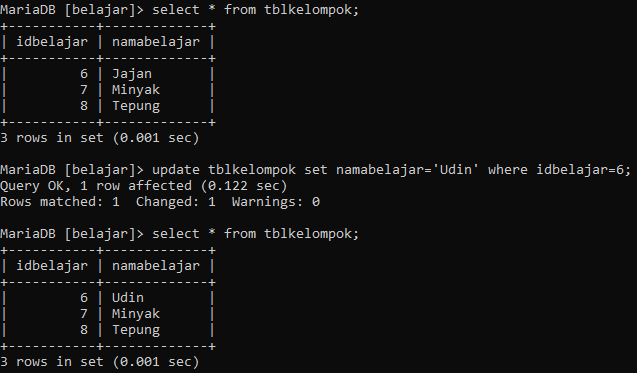
40.Delete sebagian record



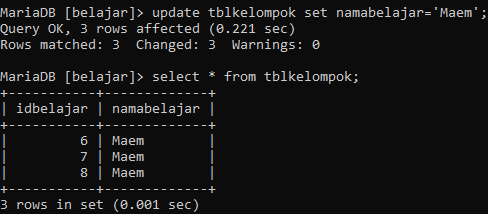
41.Delete semua



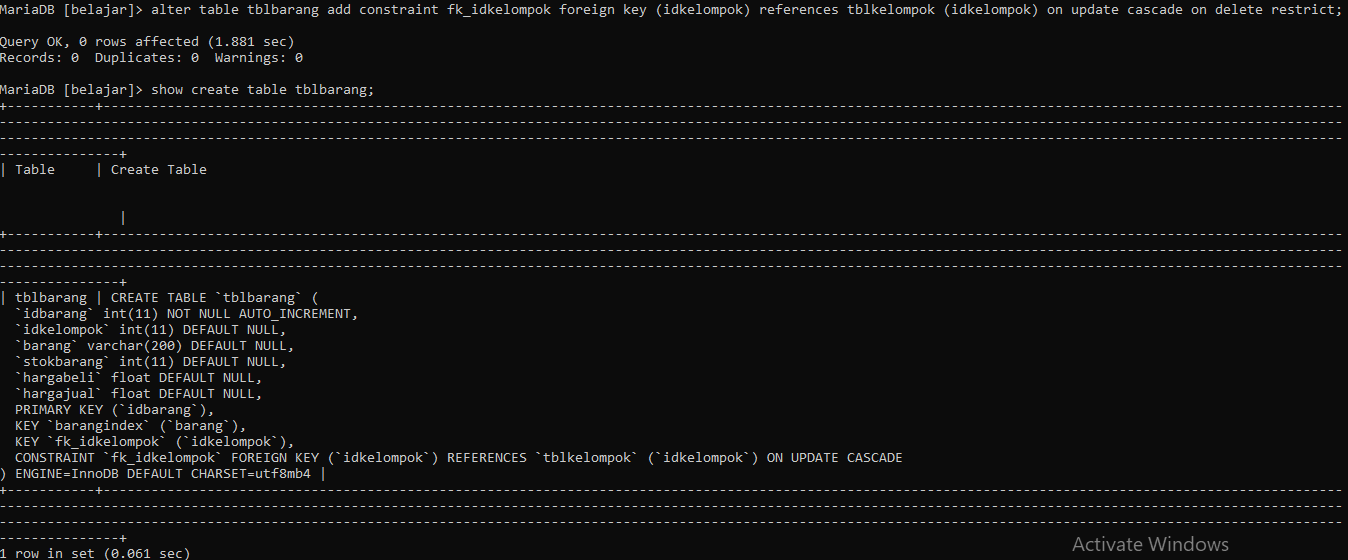
42.Update sebagian record



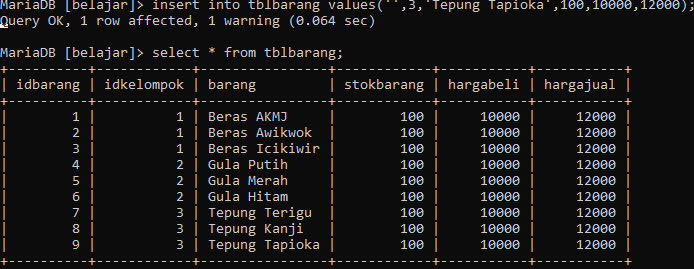
43. Update semua



44.Tabel master dan tabel transaksi



45.Menguji hasil relasi



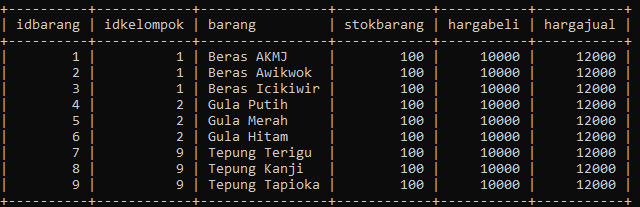
46.Pengujian Insert



47. Pengujian Update



hasilnya



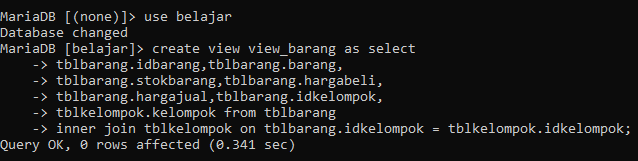
48.Pengujian Delete



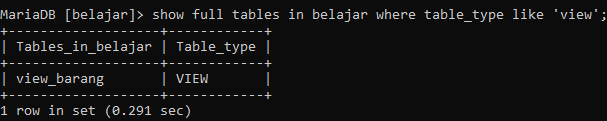




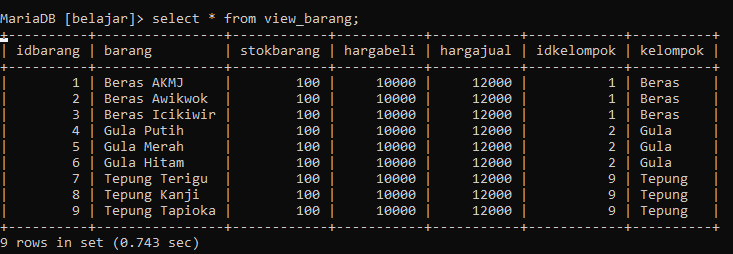
49.Pembuatan View



50. Menampilkan view



51. Melihat isi view



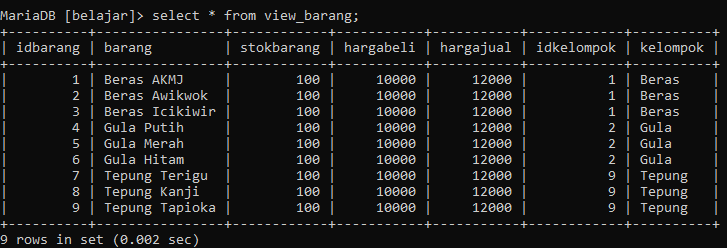
52.Menghapus view



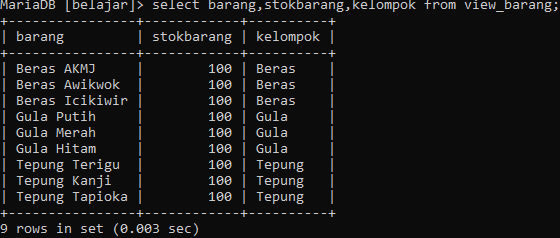
jika kita check kembali maka akan keluar



53.Select semua kolom

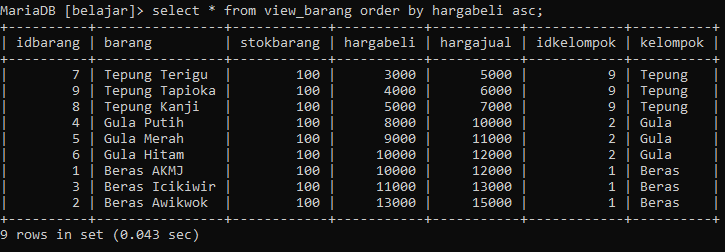


54. Select sebagian kolom

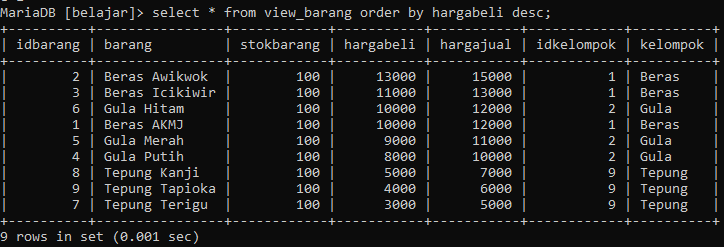


55.Select order

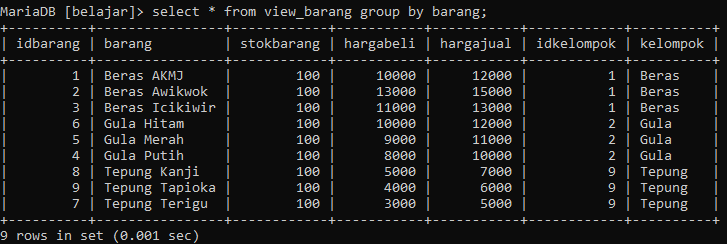
by asc(rendah ke tinggi)



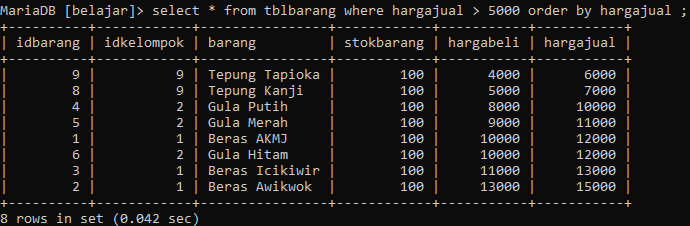
by desc(tinggi ke rendah)



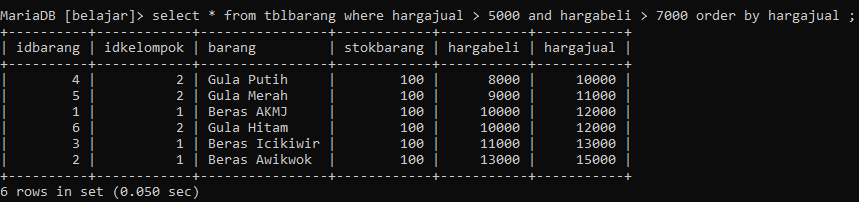
56.Select group



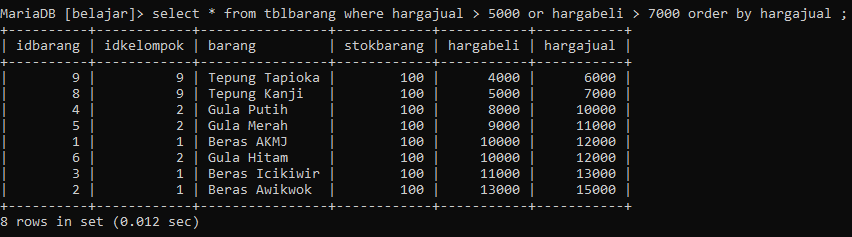
57.Pengujian where



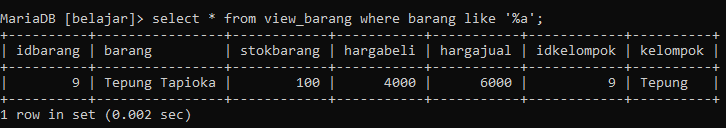
58.Menggunakan operator logika and



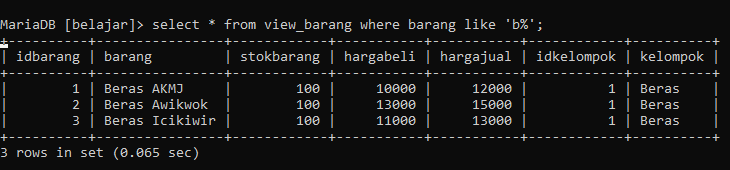
59.Menggunakan operator logika or



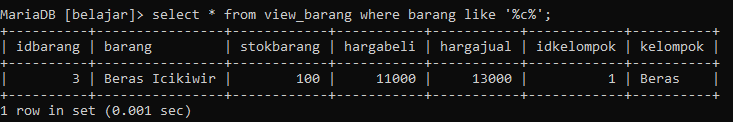
60.Menggunakan like untuk mencari akhiran kata



61.Menggunakan like untuk mencari awalan kata

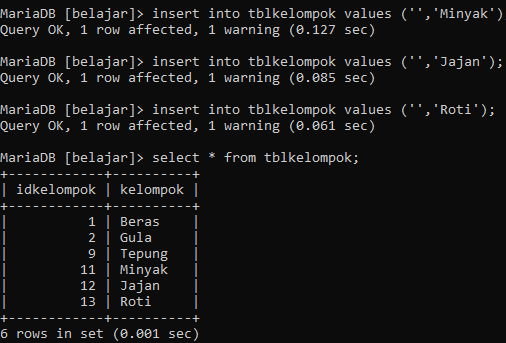


62.Menggunakan like untuk mencari huruf di tengah kata

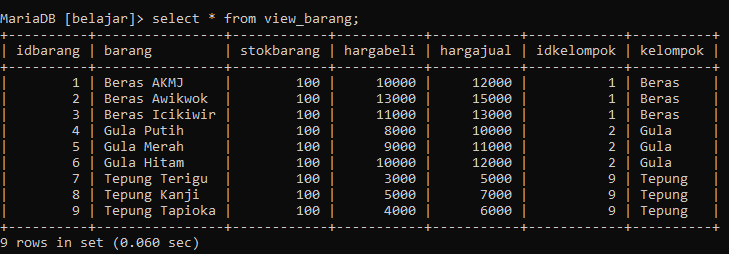


63.Subquery (select didalam select)

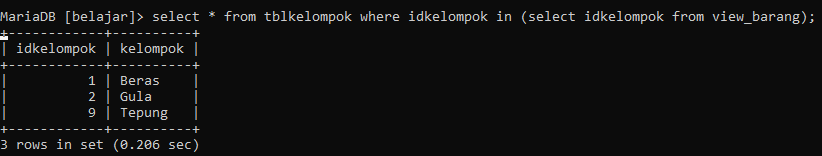
tambahkan data pada tblkelompok



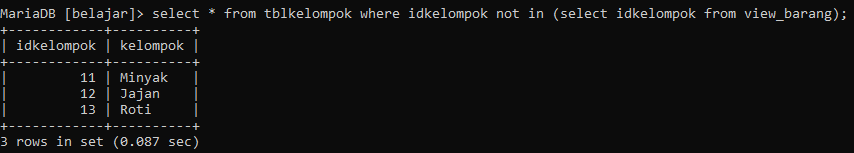
isi view\_barang



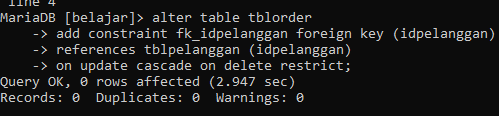
hasil :



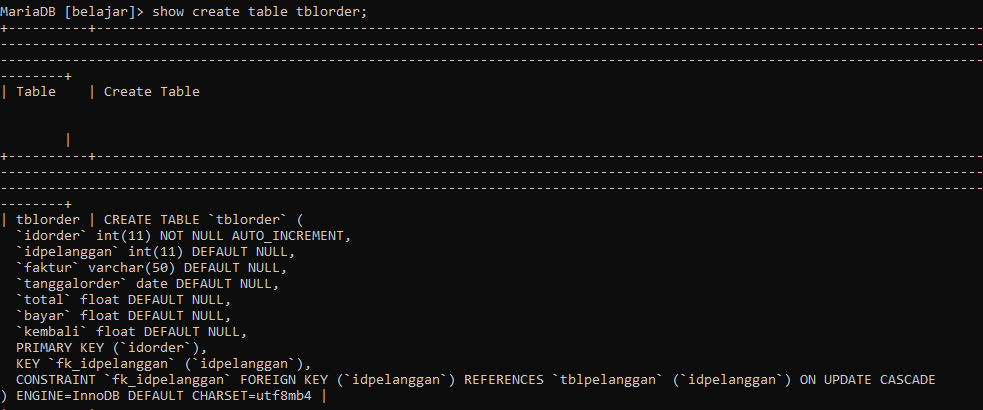
Kelompok yang tidak ada dalam view\_barang



64.Membuat relasi tabel tblorder

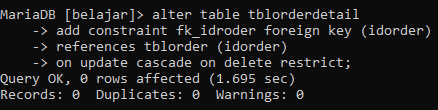


hasil

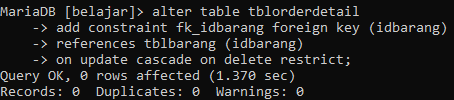


65.Relasi 2 tabel master dan 1 tabel transaksi

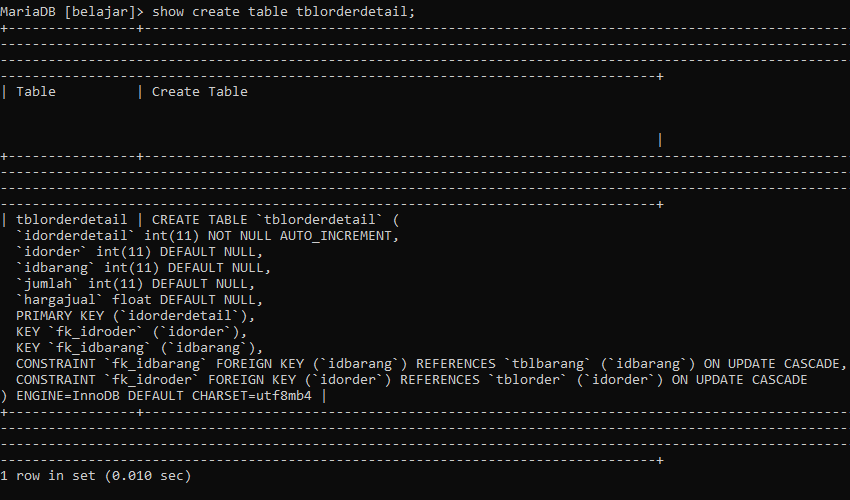
relasi tblorderdetail dan tblorder



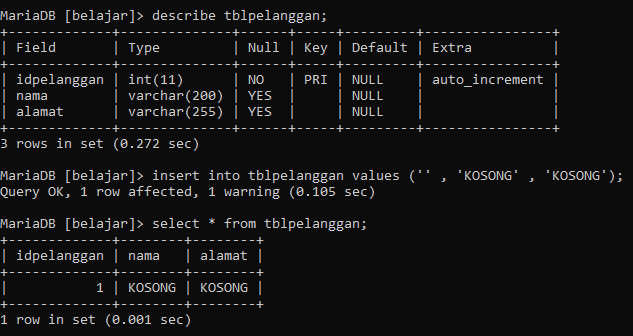
relasi tblorderdetail dan tblbarang



check hasil

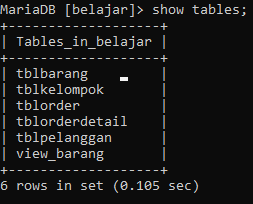


66.Dummy data



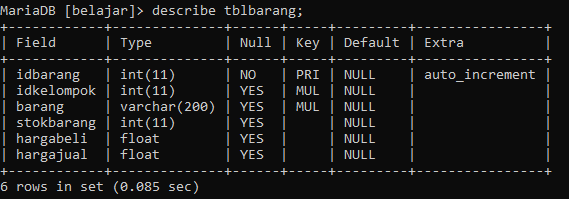
67.Konsep Trigger

tampilkan semua tabel

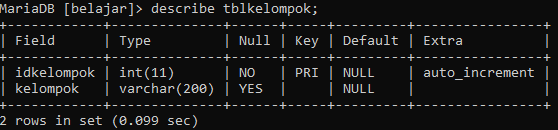


Lihat struktur semua tabel

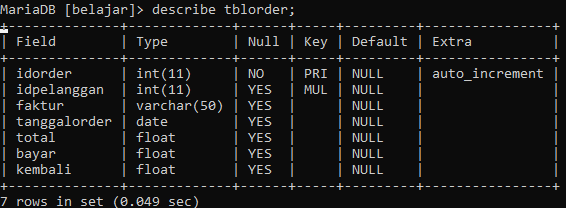
tblbarang



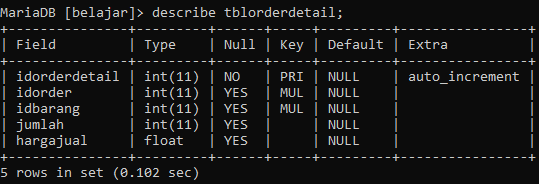
tblkelompok



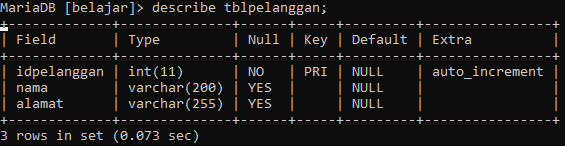
tblorder

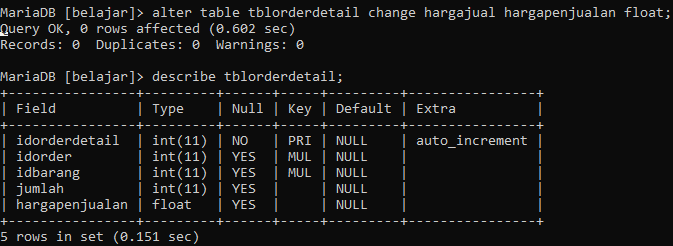


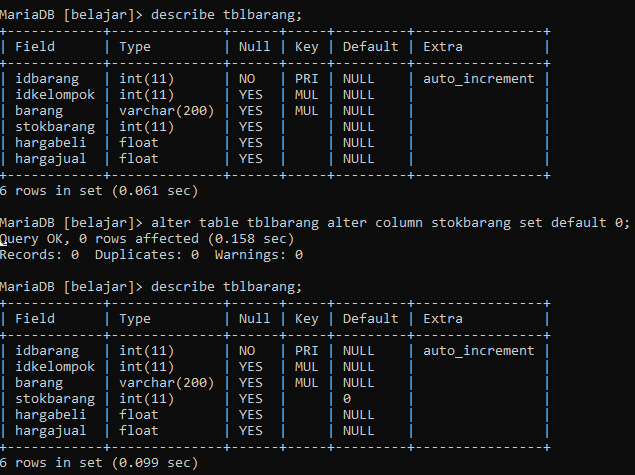
tblorderdetail



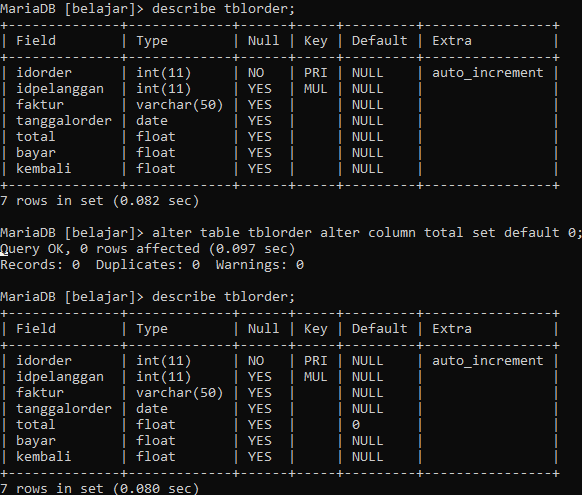
tblpelanggan



68.Pemeriksaan nama kolom yang sama

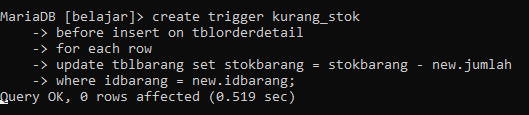
69.Pemeriksaan kolom untuk hasil trigger

70.Pemeriksaan total untuk tblorder

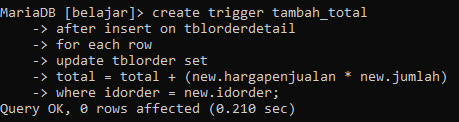


71.Pembuatan trigger

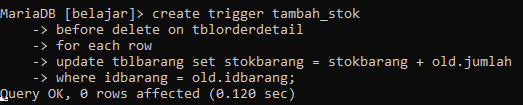
-kurang stok



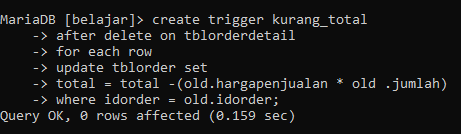
-tambah total



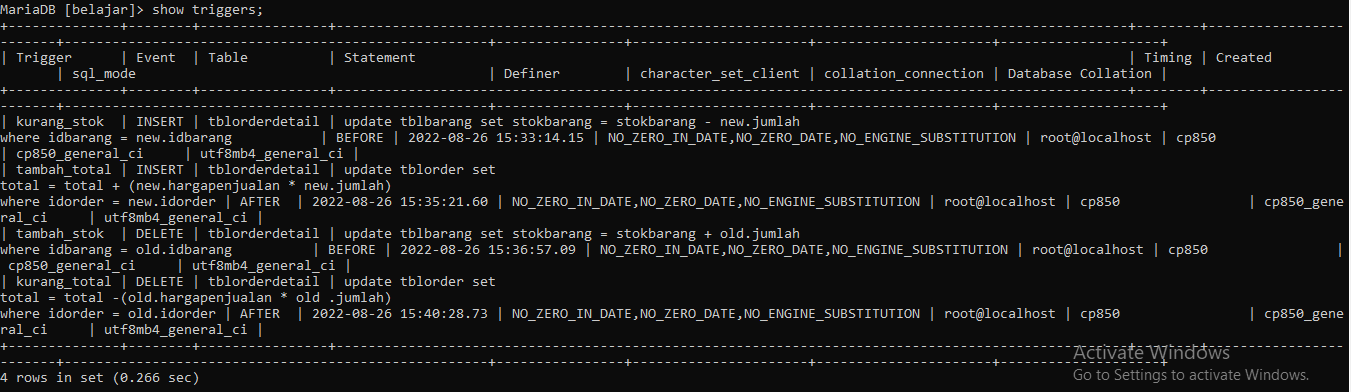
-tambah stok



-kurang total



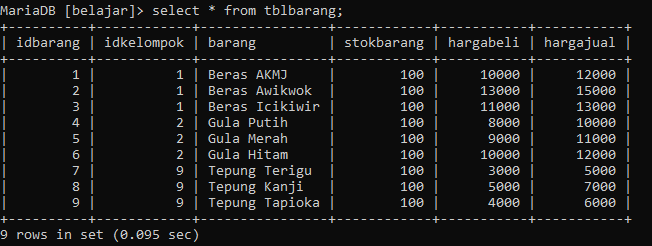
72.Menampilkan trigger



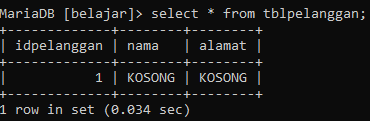
73.Pengujian trigger

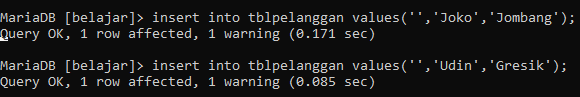
1.Persiapan

tampilkan tblbarang

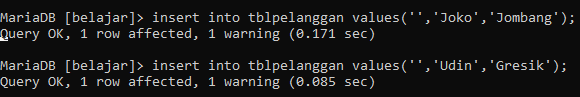


tampilkan tblpelanggan

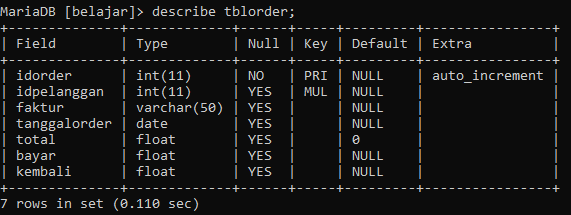


tambahkan isi tblpelanggan

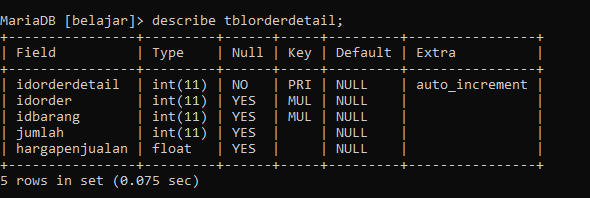
periksa kembali isi tblpelanggan



tampilkan struktur tblorder



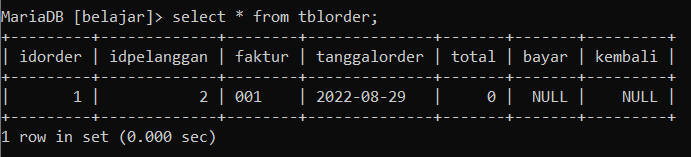
tampilkan struktur tblorderdetail



2.Pengujian insert pada tabel [tblorderdetail]

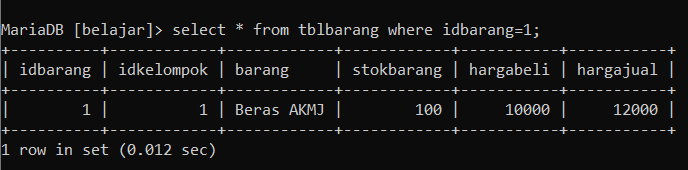


periksa isi tblorder

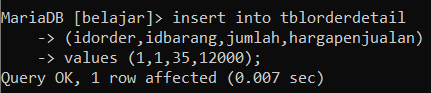


Buat insert pada tblorderdetail dengan idorer sesuai dengan tblorder

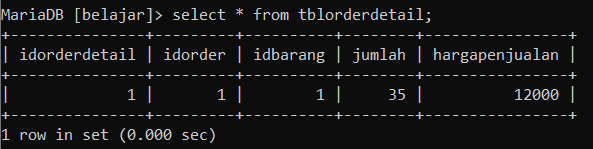
**Sebelum insert pada tblorderdetail**

****

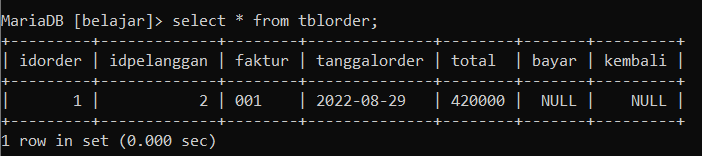
insert data pada tblorderdetail



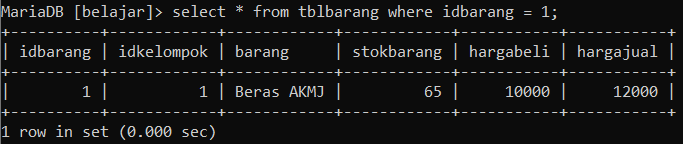
hasil pada tblorderdetail



hasil pada tblorder



hasil pada tblbarang

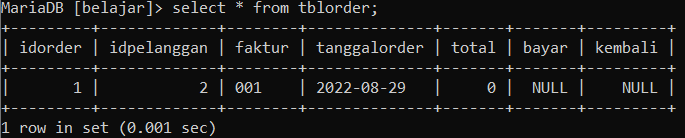


3.Pengujian delete pada tblorderdetail

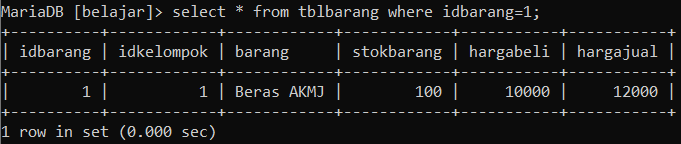
lakukan delete pada tblorderdetail



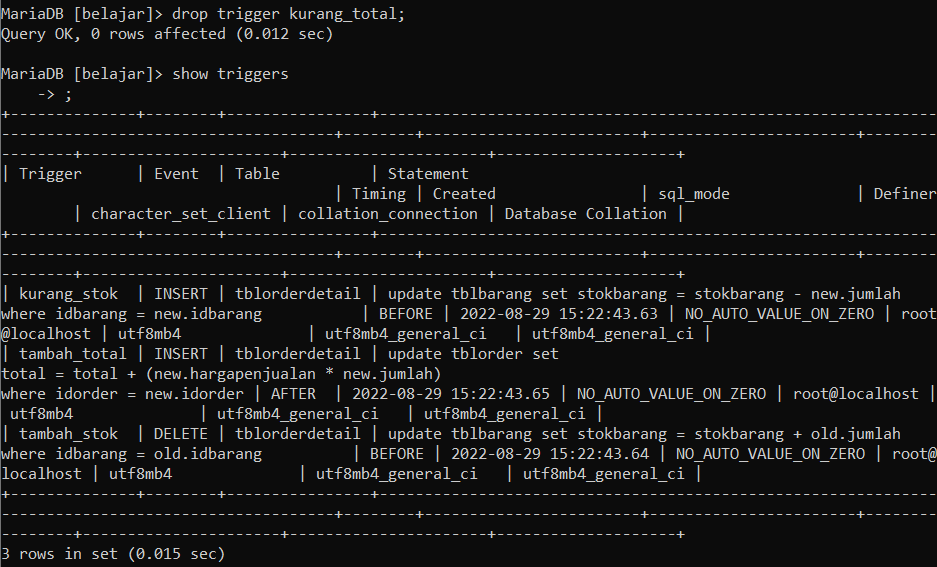
periksa hasil pada tblorder



periksa pada tblbarang

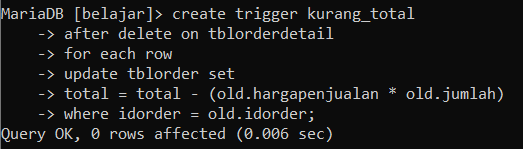


74.Hapus trigger

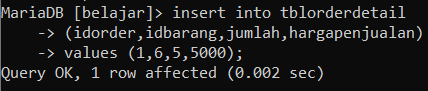


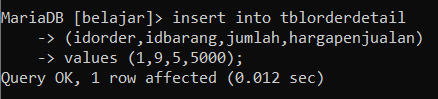
75.Join (gabungan tabel)

buat ulang trigger yang sudah dihapus

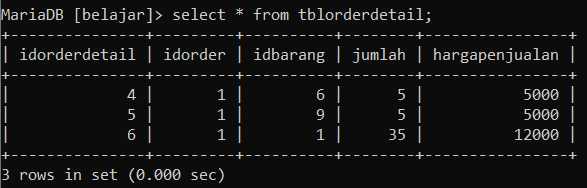


lakukan insert

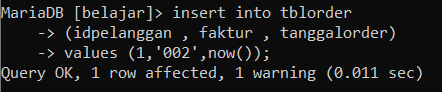




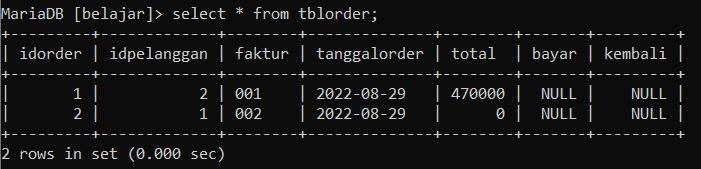
periksa tblorderdetail



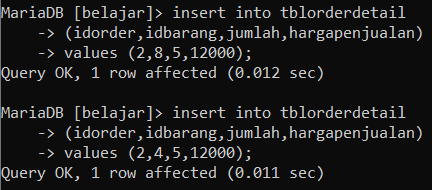
buat insert pada tblorder



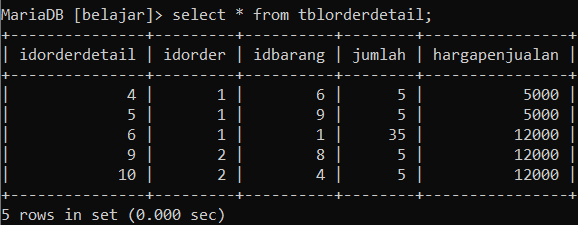
periksa tblorder



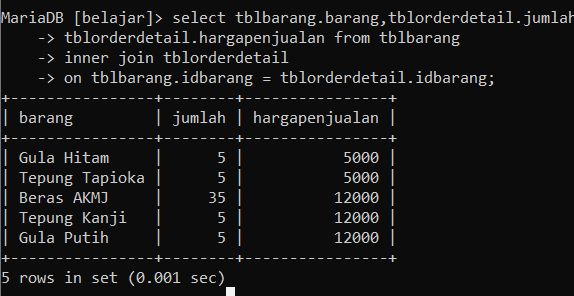
lakukan insert pada tblorderdetail



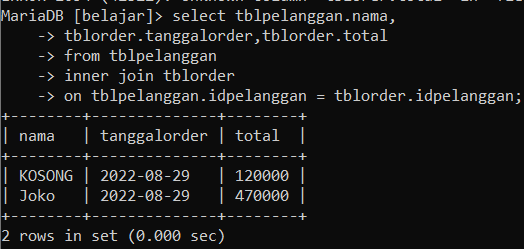
periksa tblorderdetail



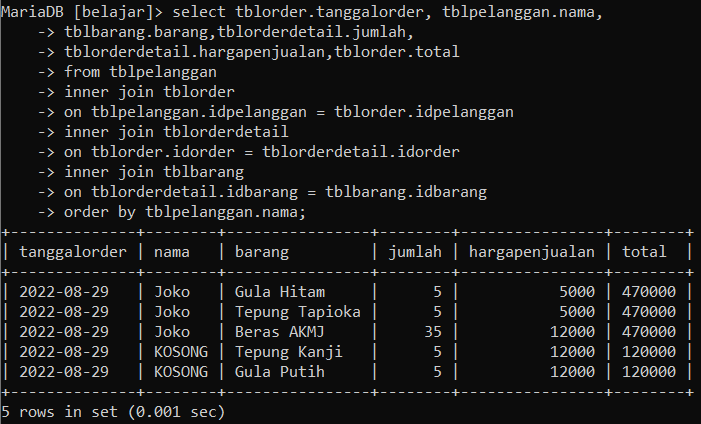
**Inner Join**



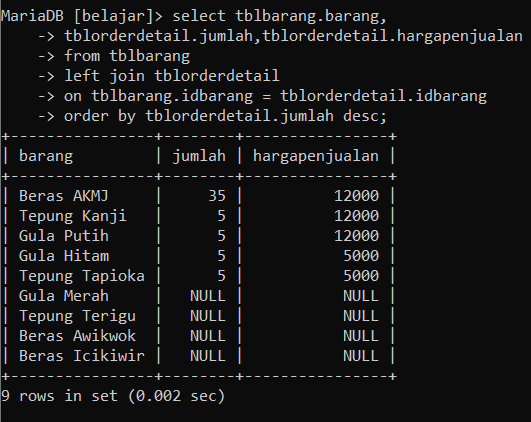
**Inner Join untuk mengetahui pelanggan yang melakukan order**



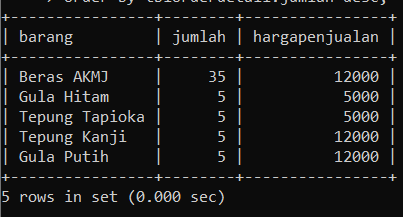
**Inner join banyak tabel**



76.Left Join

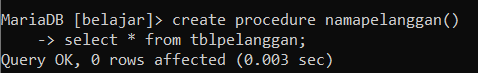


77.Right Join

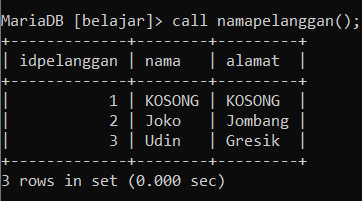


78.Store Procedure

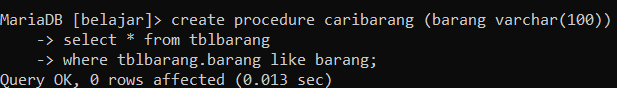
procedure tanpa parameter



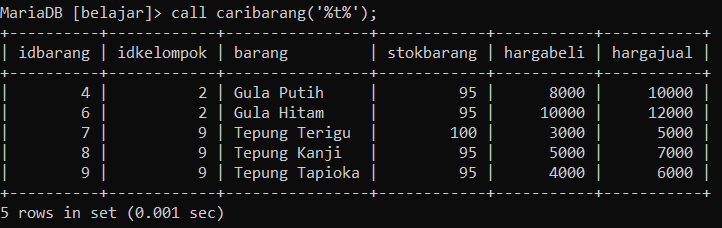
pemanggilan procedure



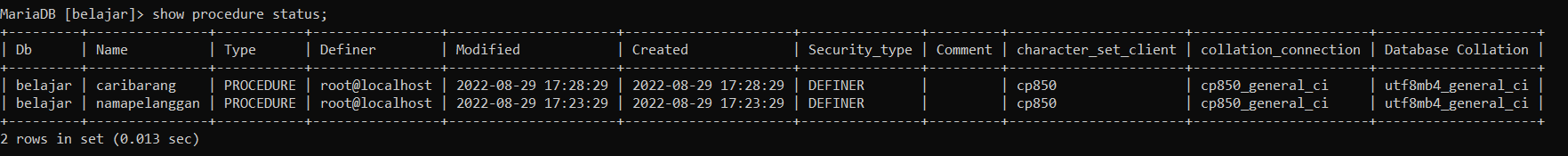
procedure dengan parameter



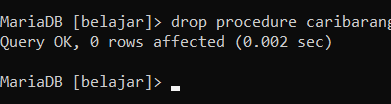
memanggil proceure dengan parameter



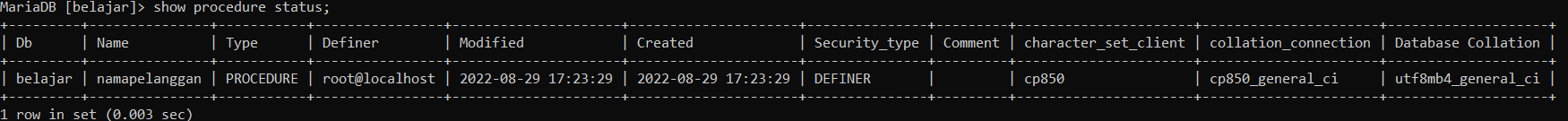
79.Menampilkan semua procedure



80.Mengahapus store procedure

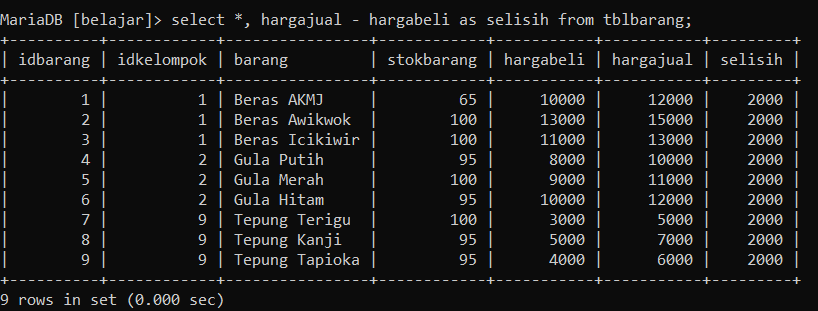


cek kembali

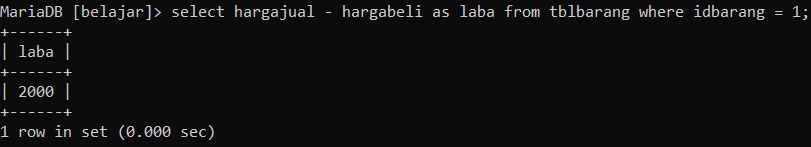


81.Function

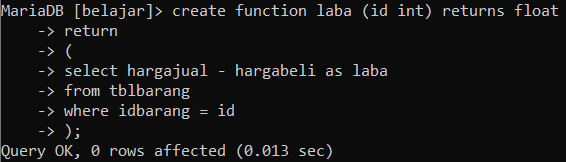
tampilkan tblbarang



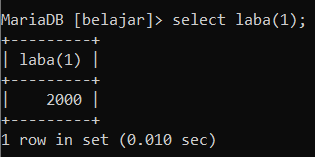
menampilkan hanya satu data



82.Membuat function laba

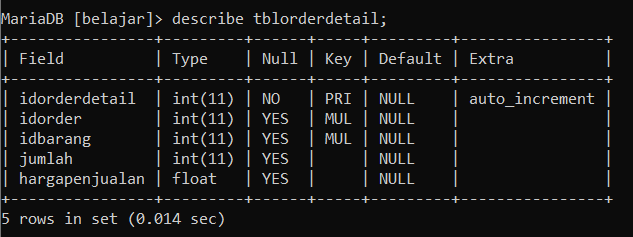


83.Memanggil function

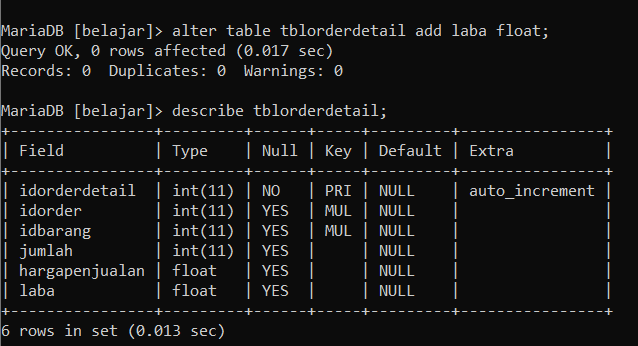


84.Penggunaan function

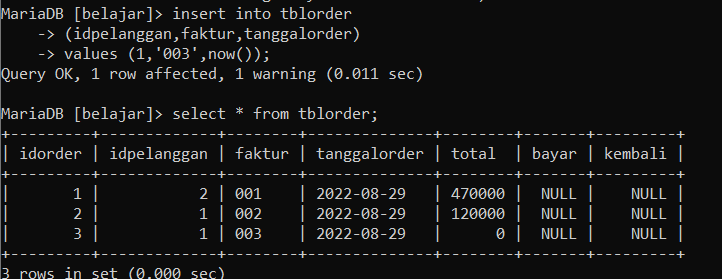
lihat struktur tblorderdetail



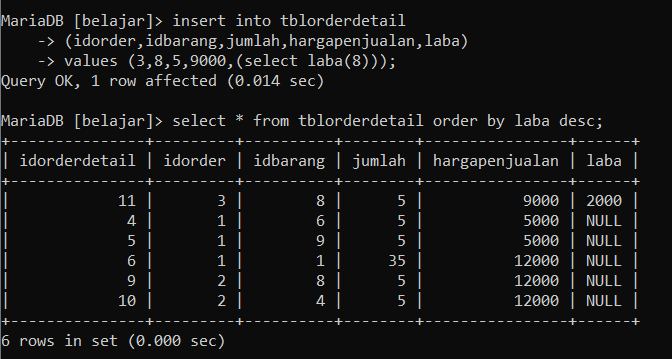
tambahkan sebuah kolom dengan nama (laba)



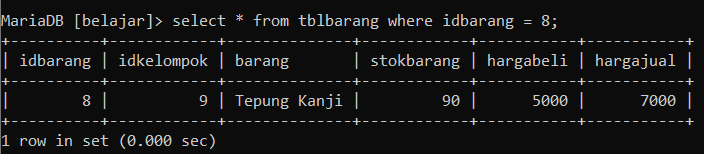
lakukan proses insert pada tblorder



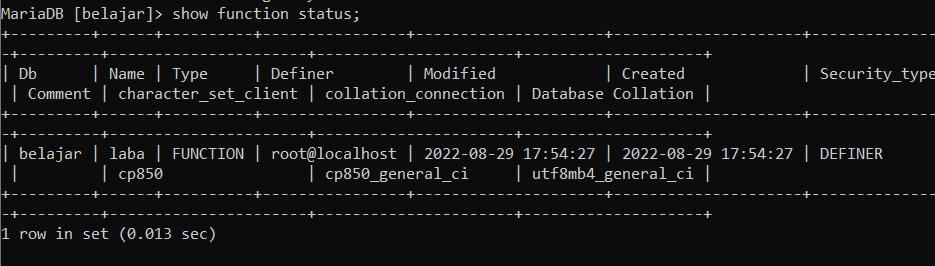
buat insert pada tblorderdetail



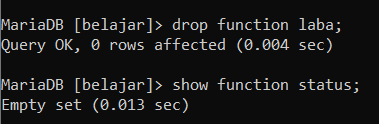
periksa selisih pada tblbarang



84.Menampilkan semua function

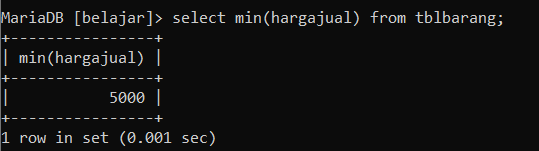


85.Menghapus function

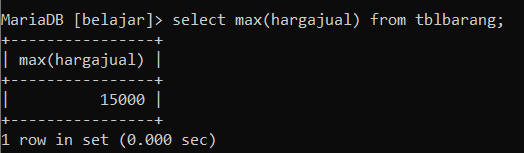


86.Select aggregate

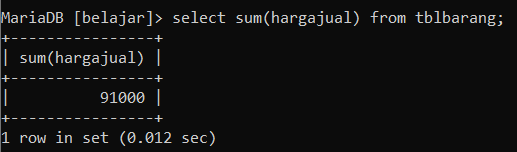
-select min



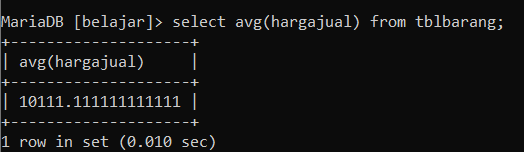
-select max



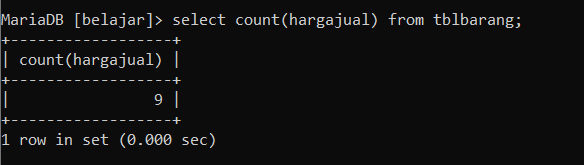
-select sum



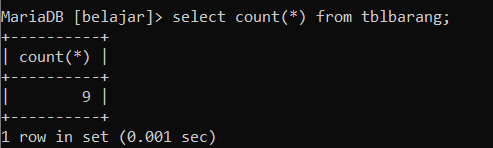
-select avg



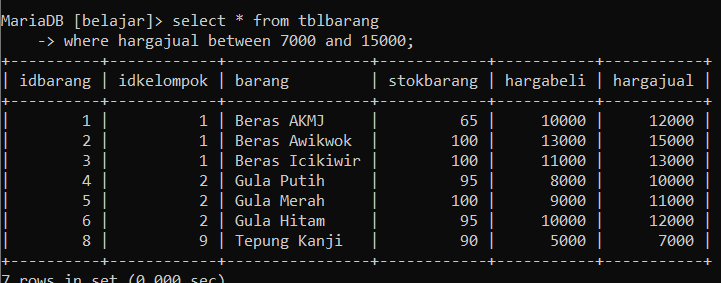
-select count



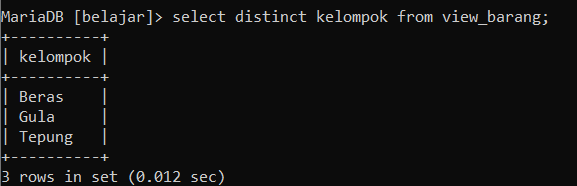
-select count(\*)



-select between



-select distinct



87. Start transaction,commit,rollback

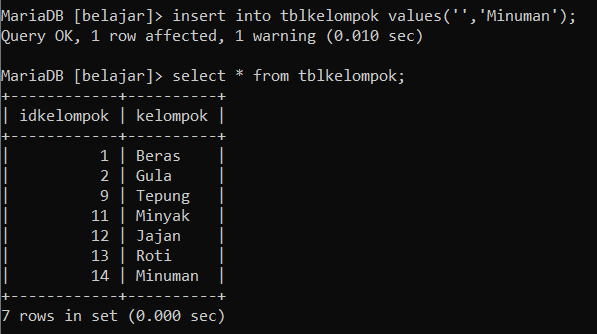
buka tblkelompok



lakukan perintah start transaction



berikan perintah insert



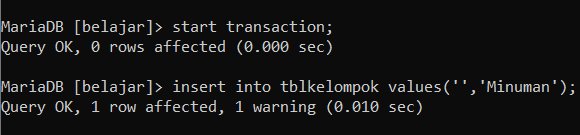
lakukan rollback



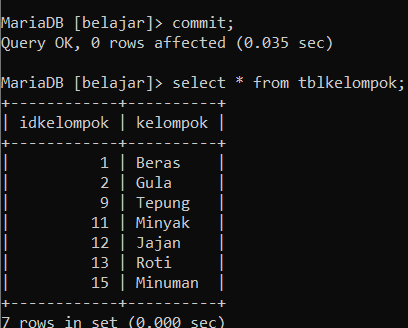
maka hasilnya



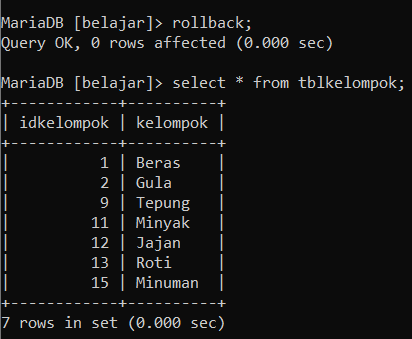
ulangi lagi perintah diatas



lakukan commit



lalu lakukan rollback



command yang sudah dicommit tidak bisa di rollback

DCL

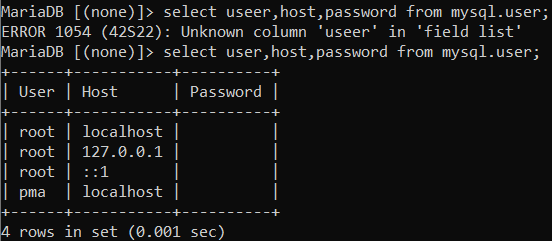
(Data Control Language)

86.Tentang dcl

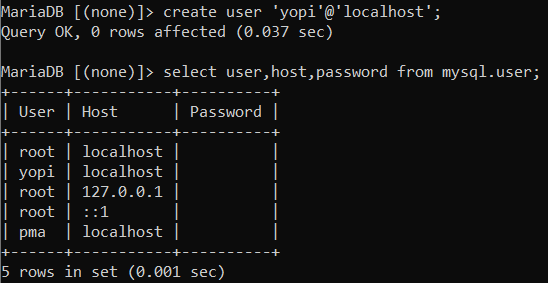
sebelum menggunakan mysql kita harus login terlebih dahulu menggunakan



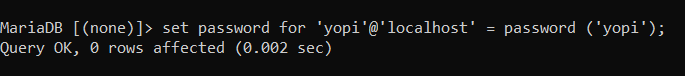
87.Menampilkan semua user



88.Menambah User



89.Memberikan password pada user

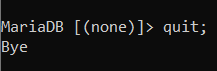


lakukan perintah berikut untuk refresh mysql



90.Menguji user dan password yang telah dibuat

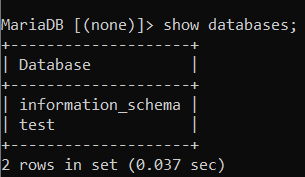
lakukan quit untuk keluar dari mysql



masuk kembali dengan user baru

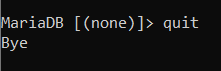


periksa database



91.Memberikan hak akses(privileges) user ke database

kita quit dahulu untuk login kembali menggunakan user root



masuk kembali dengan user root



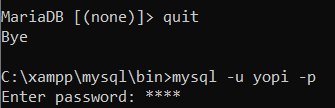
untuk memberikan hak akses lakukan perintah



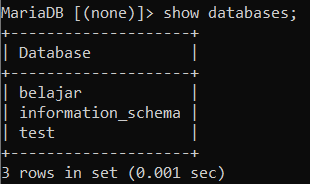
refresh mysql dengan perintah



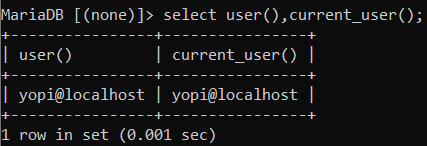
login ke user yang dituju oleh privileges



periksa database

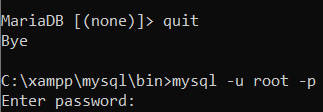


92.Menampilkan user yang sedang login

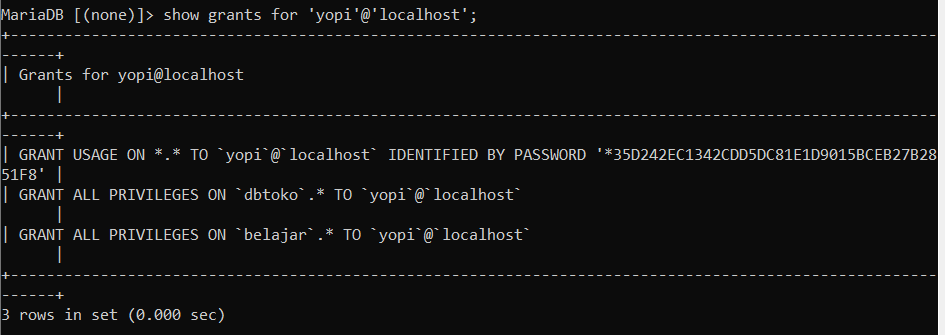


93.Menampilan hak akses yang dimiliki

login dengan user root

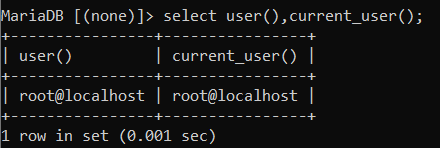


gunakan perintah dibawah ini

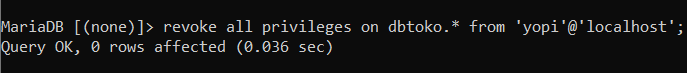


94.Menghapus hak akses user

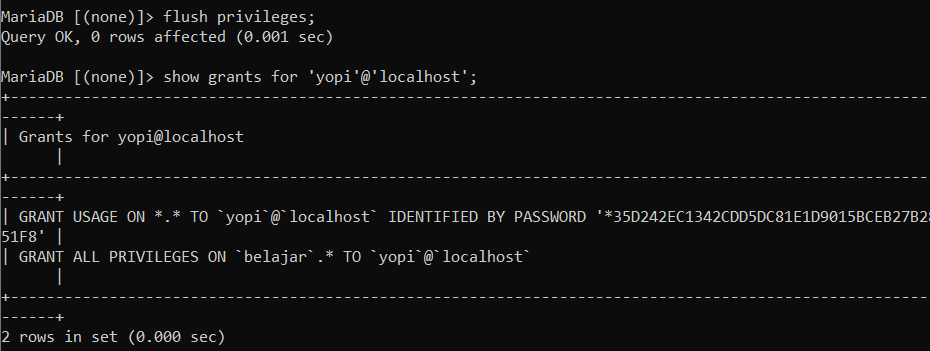
periksa user terlebih dahulu



untuk menghapus hak akses gunakan perintah



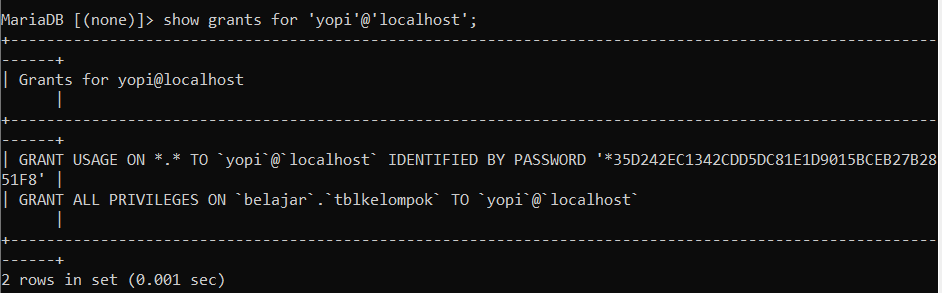
lakuakan flush lalu periksa ulang



95.Memberikan hak akses pada database dengan tabel



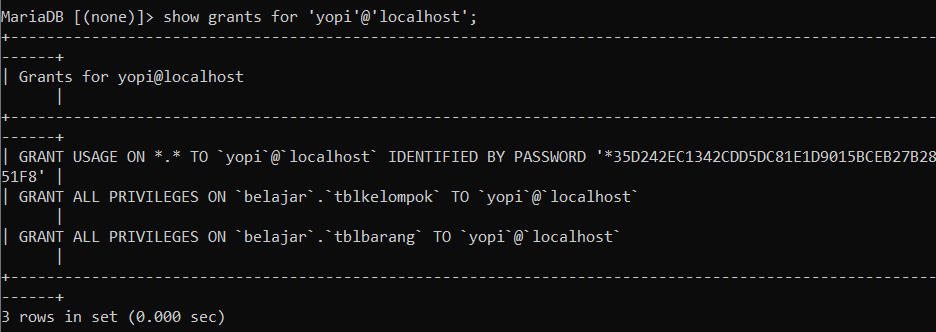
periksa hak akses yang diberikan



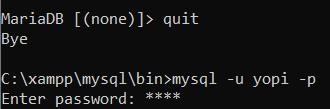
tambahkan akses untuk tabel barang



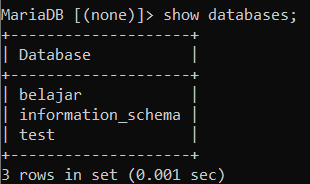
periksa hasilnya



untuk memeriksa hasil pemberian akses lakukan quit lalu login ulang menggunaka user yang diberi akses



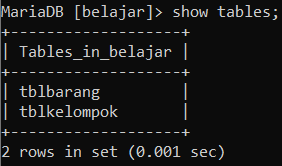
tampilkan database



aktifkan database belajar

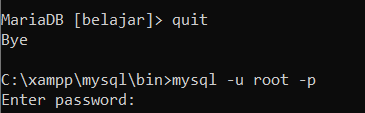


periksa tabel



95.Memberikan hak akses pada select,update,insert,delete,pada tabel

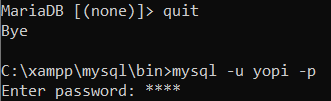
lakukan quit dan login dengan user root



lakukan perintah dibawah ini untuk memberi akses select dan insert



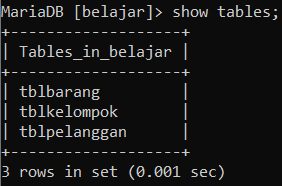
lakukan pengujian dengan login pada akun yang diberi akses terlebih dahulul



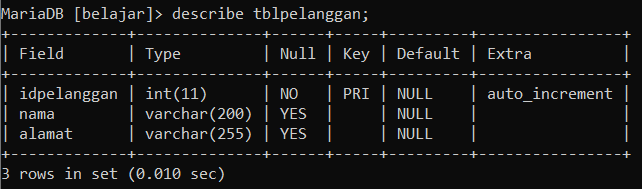
aktifkan database belajar



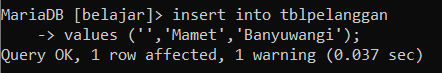
periksa tabel



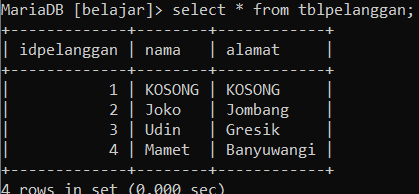
lihat struktur tabel tblpelanggan



isi tabel pelanggan



periksa isi tabel

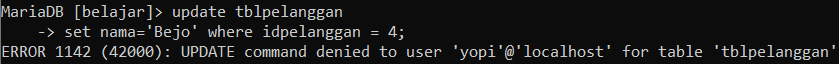


lakukan perintah delete



tidak bisa delete karena kita tidak punya akses

lakukan perintah update



hasilnya sama dengan perintah delete karena yang diberi akses hanya perintah select dan insert

96.Ubah password user

login dengan user root



ubah password dengan perintah berikut



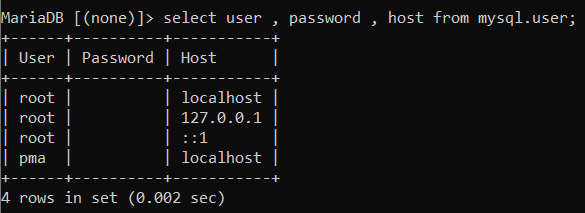
refresh dengan perintah berikut



97.Hapus user



periksa daftar user

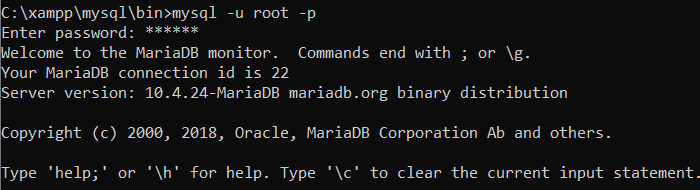


98.Merubah password user[root]

berikan perintah berikut jika isi password kosong



login user root dengan password yang sudah ditambahkan



berikan perintah berikut jika ingin mengganti password

