**UNIVERSITAS INDRAPRASTA PGRI**

**TUGAS 1 PRAKTIKUM SISTEM BASIS DATA**



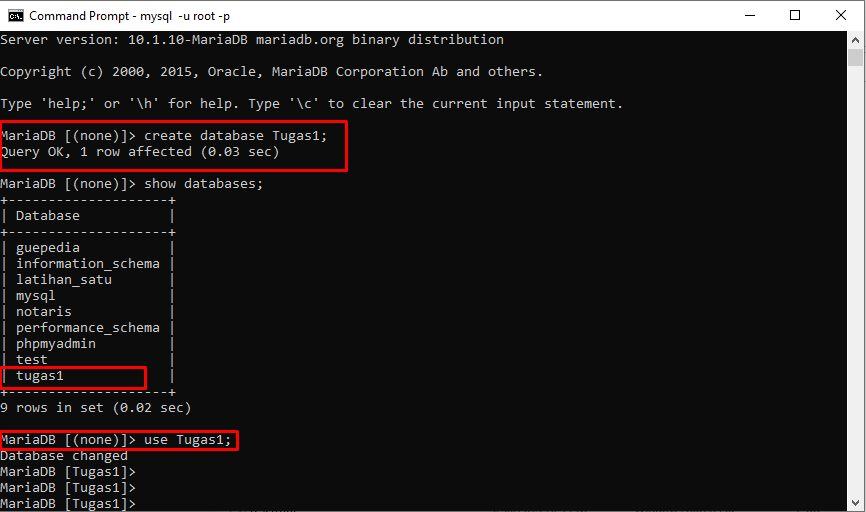
**NAMA : DEDI IBRAHIM**

**NPM : 201843579086**

**Jl. Nangka Raya No.58 C, RT.5/RW.5, Tj. Bar., Kec. Jagakarsa, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12530**

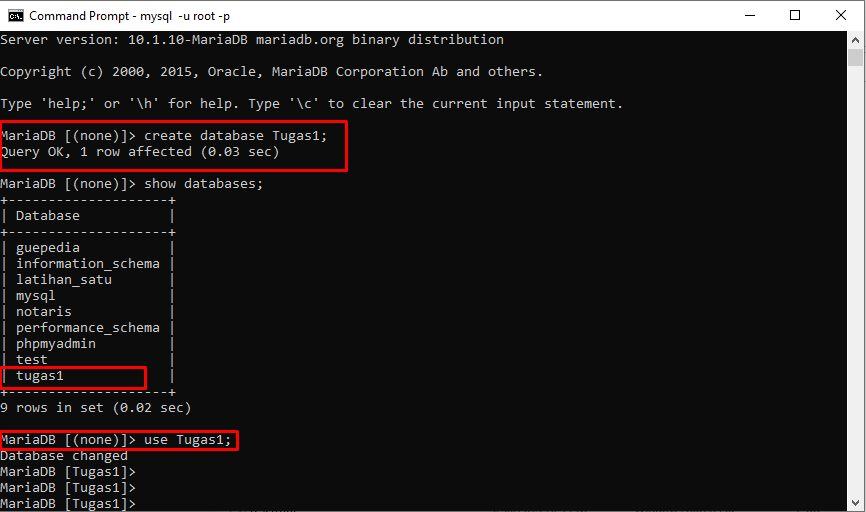
1. Membuat Database Tugas1

***Create database Tugas1;***



1. Aktifkan database

***Use Tugas1;***



1. Membuat 3 Buah table

***CREATE TABLE Mahasiswa (***

***NPM VARCHAR(30) PRIMARY KEY,***

***Nama VARCHAR(30) NOT NULL,***

***Alamat VARCHAR(30) NOT NULL***

***);***

***CREATE TABLE Matakuliah (***

***KD\_MK VARCHAR(30) PRIMARY KEY,***

***Nama\_MK VARCHAR(30) NOT NULL,***

***SKS VARCHAR(30) NOT NULL***

***);***

***CREATE TABLE Nilai (***

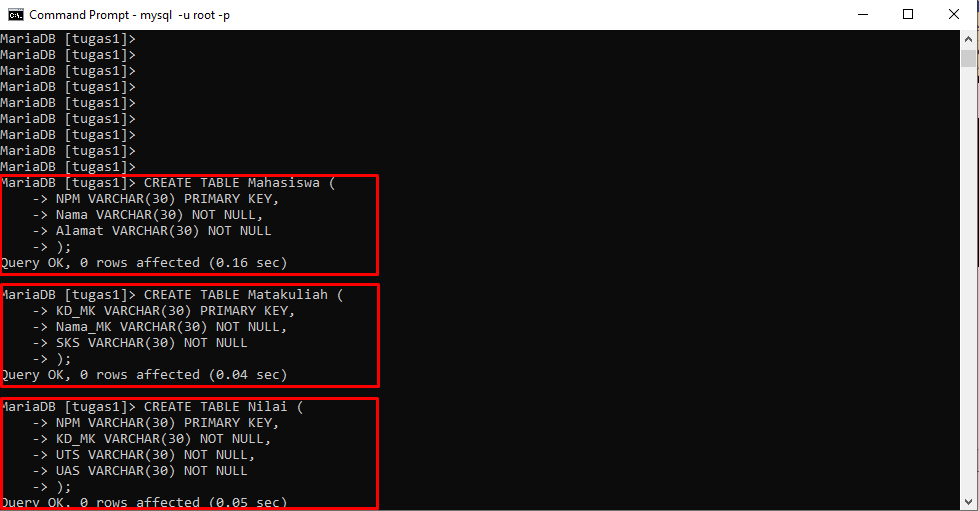
***NPM VARCHAR(30) PRIMARY KEY,***

***KD\_MK VARCHAR(30) NOT NULL,***

***UTS VARCHAR(30) NOT NULL,***

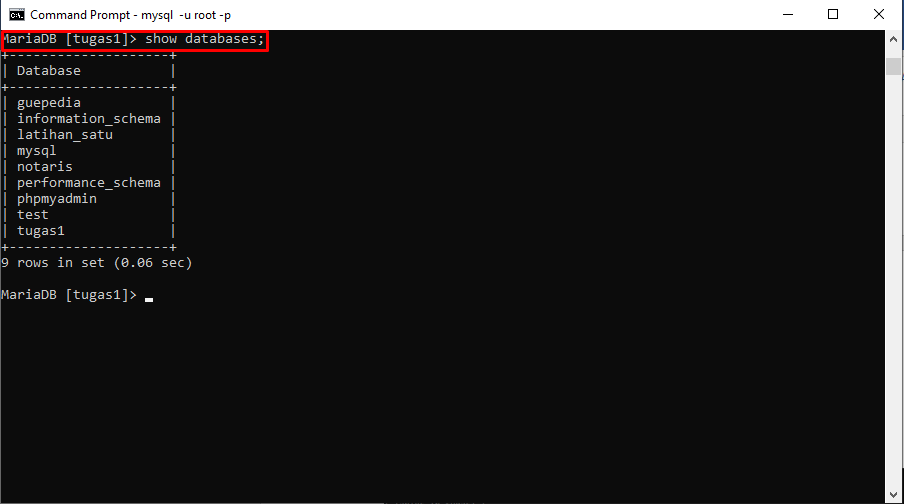
***UAS VARCHAR(30) NOT NULL***

***);***



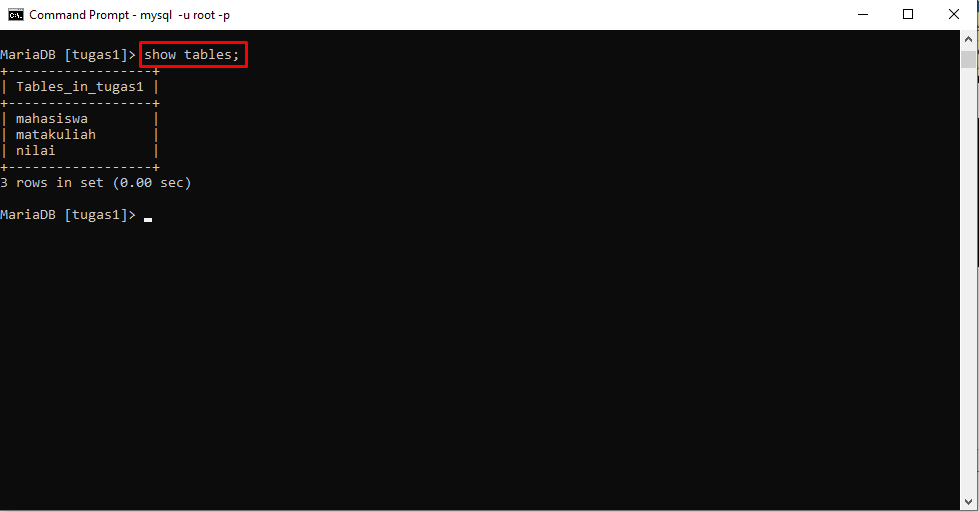
1. Tampilkan seluruh database

**Show databases;**



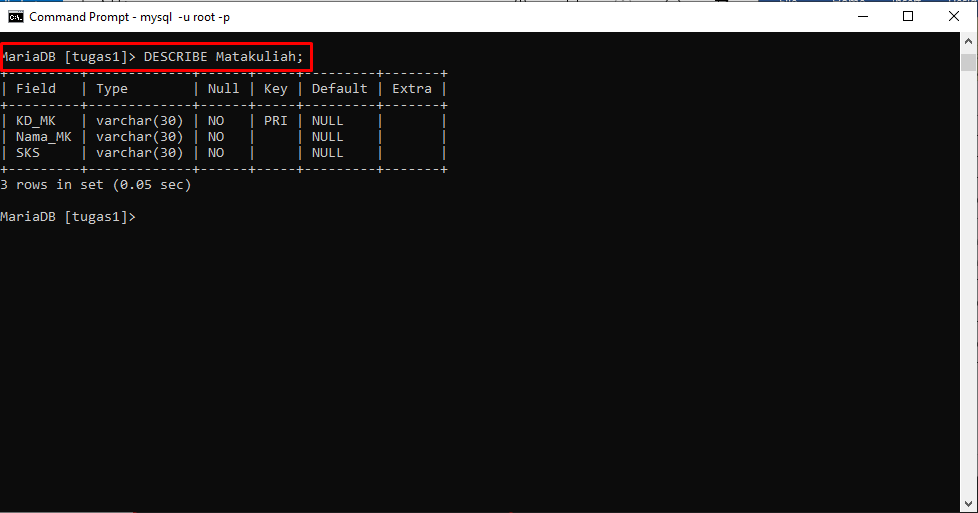
1. Tampilkan seluruh table

***Show tables;***



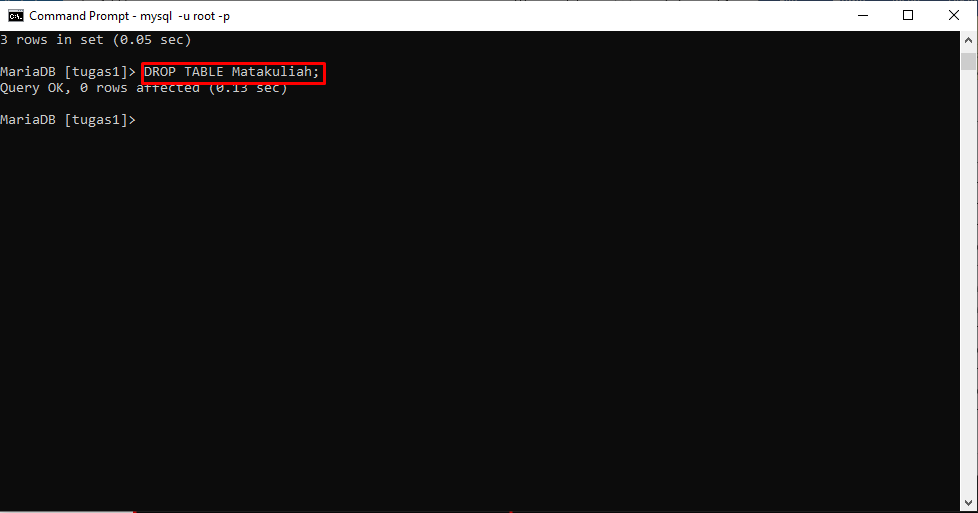
1. Tampilkan struktur tabel Matakuliah

***DESCRIBE Matakuliah;***



1. Hapus tabel Matakuliah

***DROP TABLE Matakuliah;***



1. Buat tabel Matakuliah

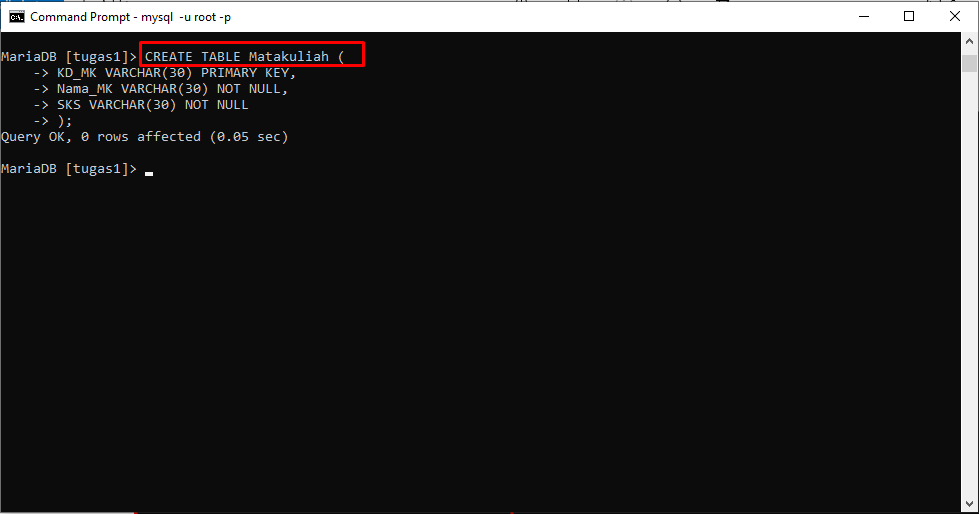
***CREATE TABLE Matakuliah (***

***KD\_MK VARCHAR(30) PRIMARY KEY,***

***Nama\_MK VARCHAR(30) NOT NULL,***

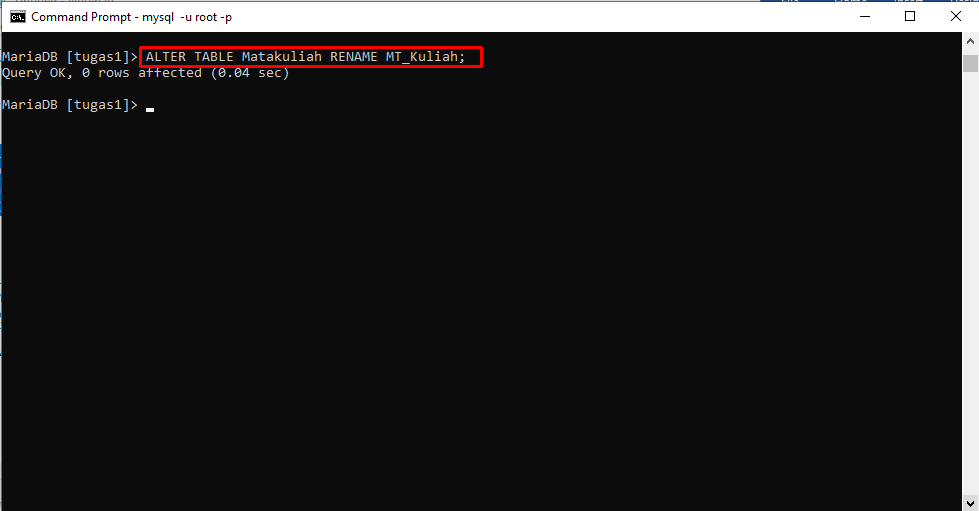
***SKS VARCHAR(30) NOT NULL***

***);***



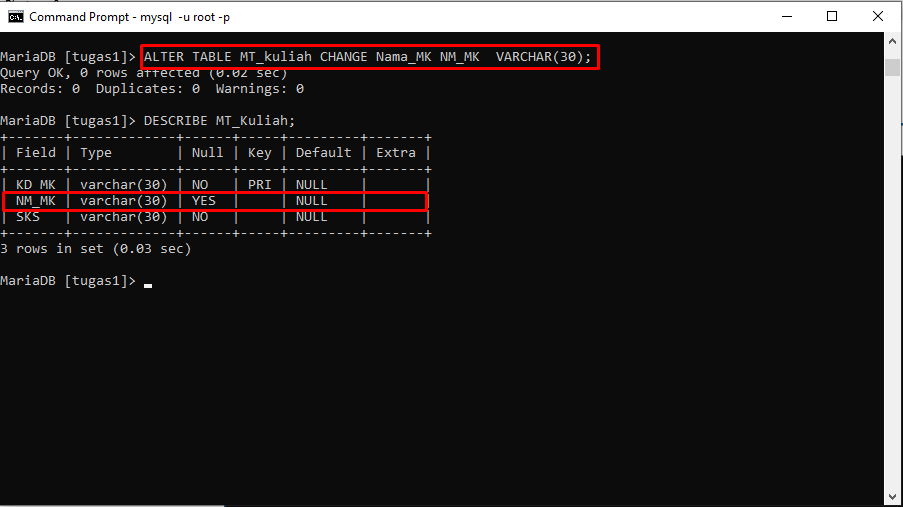
1. Ganti tabel Matakuliah dengan MT\_Kuliah

***ALTER TABLE Matakuliah RENAME MT\_Kuliah;***



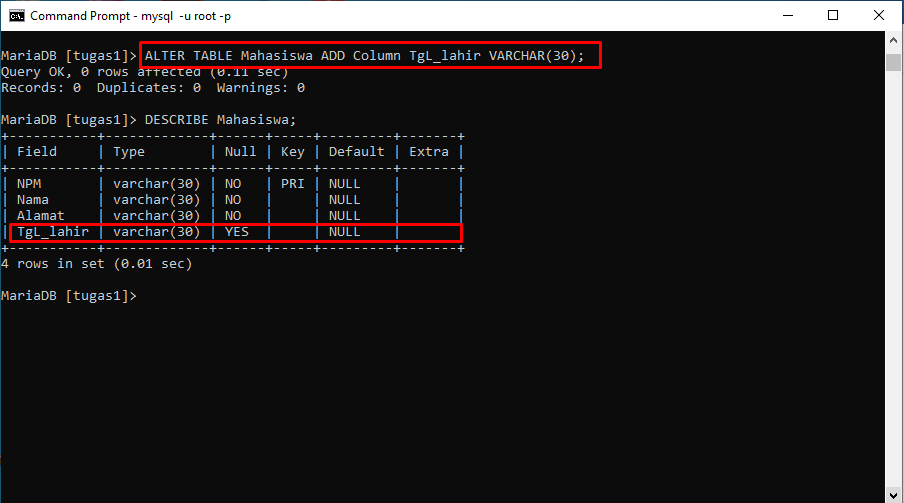
1. Ganti nama field Nama\_MK dengan NM\_MK dan panjang field 30

***ALTER TABLE MT\_kuliah CHANGE Nama\_MK NM\_MK VARCHAR(30);***



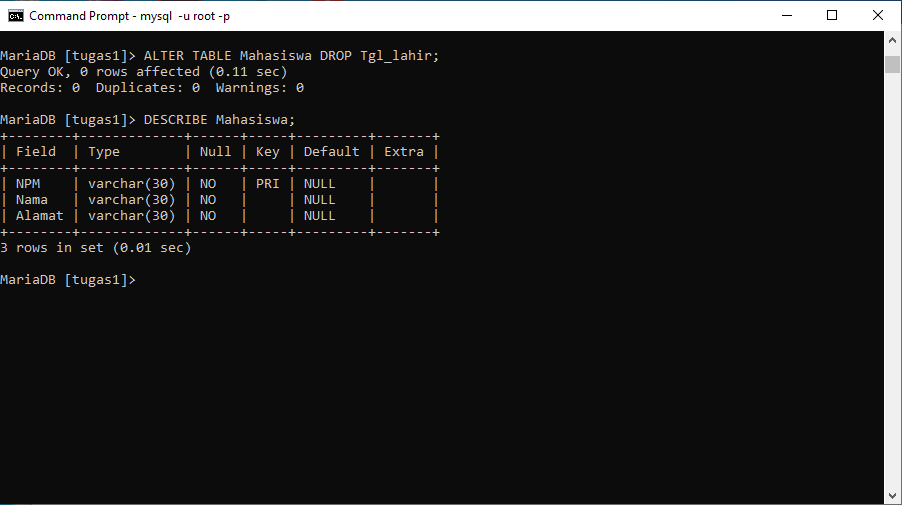
1. Tambahkan kolom Tgl\_lahir pada tabel Mahasiswa

***ALTER TABLE Mahasiswa ADD Column TgL\_lahir VARCHAR(30);***



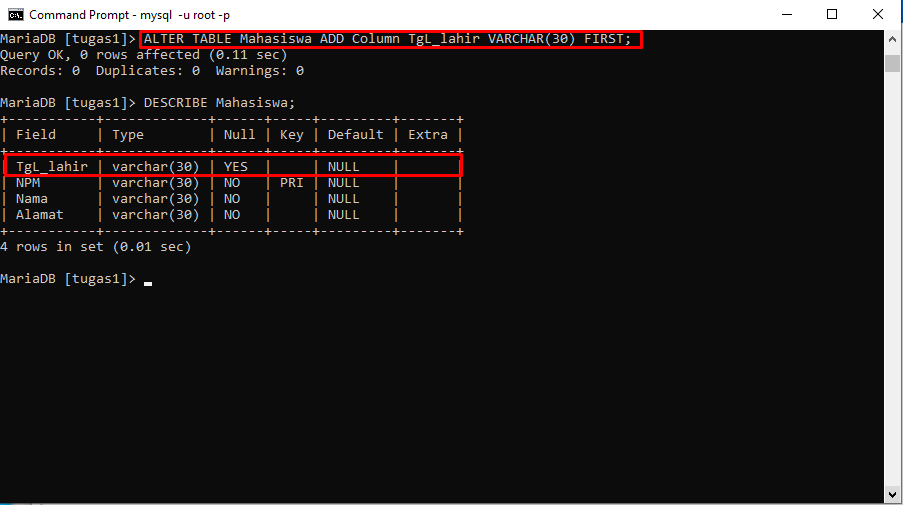
1. Hapus kolom Tgl\_lahir

***ALTER TABLE Mahasiswa DROP Tgl\_lahir;***



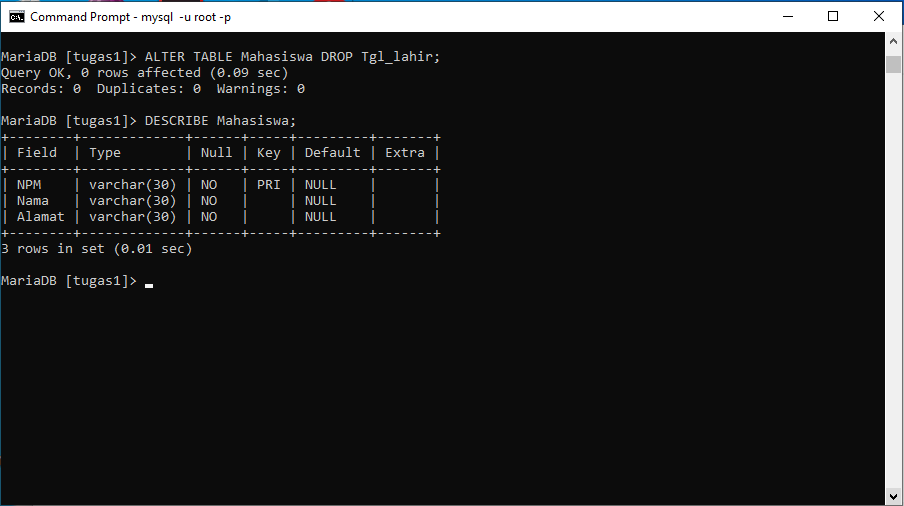
1. Tambahkan kolom Tgl\_Lahir pada tabel Mahasiswa pada awal field

**ALTER TABLE Mahasiswa ADD Column TgL\_lahir FIRST VARCHAR(30);**



1. Hapus kolom Tgl\_Lahir

***ALTER TABLE Mahasiswa DROP Tgl\_lahir;***



1. Tambahkan kolom Tgl\_Lahir pada tabel Mahasiswa setelah kolom nama

***ALTER TABLE Mahasiswa ADD Column TgL\_lahir VARCHAR(30) AFTER NAMA;***

