

**NAMA :FIKRI RANAVIA**  
**KELAS :S4C**  
**NPM :201843501350**

1. PADA GAMBAR DI BAWAH INI UNTUK MEMBUAT DATABASE

```
MariaDB [(none)]> create database tgs1;  
Query OK, 1 row affected (0.004 sec)
```

2. Langsung mengaktifkan database Dengan ketik “ USE tugas1; “

```
MariaDB [tgs1]> create table mahasiswa(  
-> npm varchar(15),  
-> nama varchar(50),  
-> alamat varchar(100));
```

3. Lanjutkan itu lalu buat 3 tabel seperti gambar di bawah ini :

```
MariaDB [tgs1]> create table mahasiswa(  
-> npm varchar(15),  
-> nama varchar(50),  
-> alamat varchar(100));  
Query OK, 0 rows affected (0.538 sec)
```

4. Lanjutkan mengetik “ show databases; “

```
Database
-----
information_schema
mysql
performance_schema
phpmyadmin
test
tgs1
tugas1
tugas2
```

5. Lanjutkan dengan cara mengetik “ SHOW TABLES; “

```
MariaDB [tgs1]> show tables;
+-----+
| Tables_in_tgs1 |
+-----+
| mahasiswa      |
| matakuliah     |
| nilai          |
+-----+
3 rows in set (0.001 sec)
```

6. Lanjutkan masuk tgs 1 “ Matakuliah ; “

```
MariaDB [tgs1]> desc matakuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kd_mk | varchar(15) | YES  |     | NULL    |       |
| nama_mk | varchar(80) | YES  |     | NULL    |       |
| sks   | int(10)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.106 sec)
```

7 Lanjutkan ke drop table “ Mata Kuliah ;”

```
MariaDB [tgs1]> drop table matakuliah;  
Query OK, 0 rows affected (0.314 sec)
```

8. Lanjutkan dengan cara mengetik “ MATAKULIAH( “

```
MariaDB [tgs1]> create table matakuliah(  
-> kd_mk varchar(15),  
-> nama_mk varchar (50),  
-> sks int(10));  
Query OK, 0 rows affected (0.214 sec)
```

9. Lanjutkan alter table “ MT\_KULIAH;”

```
MariaDB [tgs1]> alter table matakuliah rename MT_kuliah;  
Query OK, 0 rows affected (0.211 sec)
```

10. Lalu tampilkan alter table " MT\_KULIAH change NAMA\_MK "

```
MariaDB [tgs1]> alter table mt_kuliah change nama_mk  
-> nm_mk varchar(30);  
Query OK, 0 rows affected (1.006 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

11. Lalu ketik table mahasiswa add column " tgl\_lahir date "

```
MariaDB [tgs1]> alter table mahasiswa add column tgl_lahir date;  
Query OK, 0 rows affected (0.147 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

,

12. Lalu mengetik " TGL\_LAHIR;"

```
MariaDB [tgs1]> alter table mahasiswa drop tgl_lahir;  
Query OK, 0 rows affected (0.139 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

13 Kembali mengetik " TGL\_LAHIR add date First;"

```
MariaDB [tgs1]> alter table mahasiswa add column tgl_lahir date first;  
Query OK, 0 rows affected (0.128 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

14. Menampil table mahasiswa dan add " TGL\_LAHIR;"

```
MariaDB [tgs1]> alter table mahasiswa drop tgl_lahir;  
Query OK, 0 rows affected (0.116 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

15. Lalu berakhir seperti gambar di bawah

```
MariaDB [tgs1]> alter table mahasiswa add column tgl_lahir date  
-> after nama;  
Query OK, 0 rows affected (0.140 sec)  
Records: 0 Duplicates: 0 Warnings: 0  
  
MariaDB [tgs1]> desc mahasiswa;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| npm        | varchar(15)   | YES  |     | NULL    |       |  
| nama       | varchar(50)   | YES  |     | NULL    |       |  
| tgl_lahir  | date          | YES  |     | NULL    |       |  
| alamat     | varchar(100)  | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.358 sec)
```