



BASIS DATA

INF1123

LAPORAN PRAKTIKUM 5 : Membuat & Menghapus Tabel Data Database MySQL

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Samarinda, 2023

Laporan Praktikum 5:

Membuat & Menghapus

Tabel Data Database

MySQL

Pokok Bahasan:

- ❖ Cara menghapus tabel
- ❖ Cara menghapus basisdata
- ❖ Cara menghapus baris
- ❖ Menggunakan DROP dan DELETE

Tujuan Pembelajaran:

- ✓ Mahasiswa mampu membuat tabel database baru di cmd
- ✓ Mahasiswa mampu menghapus tabel dan database melalui cmd

Percobaan & Latihan:

1. use informatika;

```
MariaDB [(none)]> use informatika;  
Database changed
```

2. insert into daftar_dosen

```
values ('1234245', 'rofilde_h', '082285854362', 'karang_paci', 'UNI1234'),  
       ('1234567', 'rudiman', '085250033345', 'samarinda', '1234577'),  
       ('2348751', 'wawan', '081347649385', 'mahkota dua', 'UNI1107'),  
       ('2348753', 'Faldi', '081350225449', 'juanda', 'INF3025');
```

```
MariaDB [informatika]> insert into daftar_dosen  
-> values ('1234245', 'rofilde_h', '082285854362', 'karang_paci', 'UNI1234'),  
->       ('1234567', 'rudiman', '085250033345', 'samarinda', '1234577'),  
->       ('2348751', 'wawan', '081347649385', 'mahkota dua', 'UNI1107'),  
->       ('2348753', 'Faldi', '081350225449', 'juanda', 'INF3025');  
Query OK, 4 rows affected (0.003 sec)  
Records: 4 Duplicates: 0 Warnings: 0
```

3. select * from daftar_dosen;

```
MariaDB [informatika]> select *
-> from daftar_dosen;
```

nik_dosen	nama_dosen	no_hp	alamat	kode_matakuliah
1234245	rofilde_h	082285854362	karang_paci	UNI1234
1234567	rudiman	085250033345	samarinda	1234577
2348751	wawan	081347649385	mahkota dua	UNI1107
2348753	Faldi	081350225449	juanda	INF3025

4 rows in set (0.000 sec)

4. show tables;

```
MariaDB [informatika]> show tables;
```

Tables_in_informatika
daftar_dosen
mahasiswa
matakuliah

3 rows in set (0.001 sec)

5. desc daftar_dosen;

```
MariaDB [informatika]> desc daftar_dosen;
```

Field	Type	Null	Key	Default	Extra
nik_dosen	char(7)	NO	PRI	NULL	
nama_dosen	varchar(35)	NO		NULL	
no_hp	char(12)	YES		NULL	
alamat	varchar(100)	YES		NULL	
kode_matakuliah	char(7)	YES		NULL	

5 rows in set (0.008 sec)

6. select * from mahasiswa;

```
MariaDB [informatika]> select *
-> from mahasiswa;
```

nim_mahasiswa	nama_mahasiswa	alamat	semester
2211102441237	Akhmad Qasim	Perum Solong Durian	2

1 row in set (0.000 sec)

7. drop table mahasiswa;

```
MariaDB [informatika]> drop table mahasiswa;  
Query OK, 0 rows affected (0.007 sec)
```

8. select * from daftar_dosen;

```
MariaDB [informatika]> select *  
-> from daftar_dosen;  
+-----+-----+-----+-----+-----+  
| nik_dosen | nama_dosen | no_hp      | alamat      | kode_matakuliah |  
+-----+-----+-----+-----+-----+  
| 1234245   | rofilde_h  | 082285854362 | karang_paci | UNI1234          |  
| 1234567   | rudiman    | 085250033345 | samarinda   | 1234577          |  
| 2348751   | wawan      | 081347649385 | mahkota dua | UNI1107          |  
| 2348753   | Faldi      | 081350225449 | juanda      | INF3025          |  
+-----+-----+-----+-----+-----+  
4 rows in set (0.000 sec)
```

9. delete from daftar_dosen where nama_dosen = 'rofilde_h';

```
MariaDB [informatika]> delete  
-> from daftar_dosen  
-> where nama_dosen = 'rofilde_h';  
Query OK, 1 row affected (0.001 sec)
```

10. select * from daftar_dosen;

```
MariaDB [informatika]> select *  
-> from daftar_dosen;  
+-----+-----+-----+-----+-----+  
| nik_dosen | nama_dosen | no_hp      | alamat      | kode_matakuliah |  
+-----+-----+-----+-----+-----+  
| 1234567   | rudiman    | 085250033345 | samarinda   | 1234577          |  
| 2348751   | wawan      | 081347649385 | mahkota dua | UNI1107          |  
| 2348753   | Faldi      | 081350225449 | juanda      | INF3025          |  
+-----+-----+-----+-----+-----+  
3 rows in set (0.000 sec)
```

11. delete from daftar_dosen where nama_dosen = 'wawan' OR nama_dosen = 'faldi';

```
MariaDB [informatika]> delete  
-> from daftar_dosen  
-> where nama_dosen = 'wawan'  
-> OR nama_dosen = 'faldi';  
Query OK, 2 rows affected (0.001 sec)
```

12. insert into matakuliah

values ('3420236', 'Big Data', '3', '6', '1710137'),
('1231231', 'JARKOM', '3', '5', '1234567'),
('3421236', 'methodology', '3', '6', '1232341'),

```
('1231234', 'SIG', '3', '6', '1234567');
```

```
MariaDB [informatika]> insert into matakuliah
-> values ('3420236', 'Big Data', '3', '6', '1710137'),
->        ('1231231', 'JARKOM', '3', '5', '1234567'),
->        ('3421236', 'methodology', '3', '6', '1232341'),
->        ('1231234', 'SIG', '3', '6', '1234567');
Query OK, 4 rows affected (0.001 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

13. select * from matakuliah;

```
MariaDB [informatika]> select *
-> from matakuliah;
```

kode_matakuliah	nama_matakuliah	jumlah_sks	semester	nik_dosen
1222345	Aplikasi Komputer	2	1	1710137
1231231	JARKOM	3	5	1234567
1231234	SIG	3	6	1234567
1234567	Database	3	3	1710137
1890122	Pengantar Teknologi Informasi	2	2	1710137
3420236	Big Data	3	6	1710137
3421236	methodology	3	6	1232341
4234567	Web Statik	3	2	1710137
9074211	Pemrograman Berbasis CMS	3	2	1710137

```
9 rows in set (0.000 sec)
```

14. delete from matakuliah order by nama_matakuliah desc limit 4;

```
MariaDB [informatika]> delete from matakuliah order by nama_matakuliah desc limit 4;
Query OK, 4 rows affected (0.001 sec)
```

15. select * from matakuliah;

```
MariaDB [informatika]> select * from matakuliah;
```

kode_matakuliah	nama_matakuliah	jumlah_sks	semester	nik_dosen
1222345	Aplikasi Komputer	2	1	1710137
1231231	JARKOM	3	5	1234567
1234567	Database	3	3	1710137
3420236	Big Data	3	6	1710137
3421236	methodology	3	6	1232341

```
5 rows in set (0.000 sec)
```

16. truncate table daftar_dosen;

```
MariaDB [informatika]> truncate table daftar_dosen;
Query OK, 0 rows affected (0.018 sec)
```

Soal Essay:

1. Tuliskan query yang digunakan untuk menghapus tabel dan file database didalam basis data MySQL!

```
drop table mahasiswa;
```

2. Tuliskan query yang digunakan untuk menghapus record dengan jumlah tak terbatas!

```
truncate table daftar_dosen;
```

3. Mengapa harus mengurutkan nama matakuliah sebelum dihapus dari tabel basis data?

Karena kita ingin menghapus record berdasarkan urutan nama mata kuliah secara terbalik, yang artinya dari z-a.