

Nama : Via Okta Riana Silalahi

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1.

```
c:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.32-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database rumah_sakit_via;
Query OK, 1 row affected (0.014 sec)

MariaDB [(none)]> use rumah_sakit_via;
Database changed

MariaDB [rumah_sakit_via]> create table pasien (
  -> id_pasien int auto_increment primary key,
  -> nama varchar(50),
  -> umur int,
  -> jenis_kelamin varchar(10),
  -> diagnosa varchar(100)
  -> );
Query OK, 0 rows affected (0.034 sec)

MariaDB [rumah_sakit_via]> create table dokter (
  -> id_dokter int auto_increment primary key,
  -> nama varchar(50),
  -> spesialis varchar(100),
  -> jadwal_praktek time,
  -> no_hp int
  -> );
Query OK, 0 rows affected (0.024 sec)

MariaDB [rumah_sakit_via]>
```

2. Menambahkan 4 data

```
MariaDB [rumah_sakit_via]> insert into pasien (id_pasien, nama, umur, jenis_kelamin, diagnosa) values
  -> (1, 'Via Okta', 18, 'perempuan', 'demam'),
  -> (2, 'romian', 20, 'perempuan', 'batuk'),
  -> (3, 'ricky', 15, 'laki-laki', 'lambung'),
  -> (4, 'mey mia', 17, 'perempuan', 'dbd');
Query OK, 4 rows affected (0.033 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
MariaDB [rumah_sakit_via]> select * from pasien;
```

id_pasien	nama	umur	jenis_kelamin	diagnosa
1	Via Okta	18	perempuan	demam
2	romian	20	perempuan	batuk
3	ricky	15	laki-laki	lambung
4	mey mia	17	perempuan	dbd

```
4 rows in set (0.012 sec)
```

```
MariaDB [rumah_sakit_via]> insert into dokter (id_dokter, nama, spesialis, jadwal_praktek, no_hp) values
-> (001,'Dr.rangga','Sp.jantung','senin_12:00',082165554722),
-> (002,'Dr.tina','Sp.paru','selasa_16:00',081358652582),
-> (003,'Dr.riana','Sp.mata','rabu_19:00',086444552154),
-> (004,'Dr.dina','Sp.otak','kamis_20:00',081268925872);
Query OK, 4 rows affected, 8 warnings (0.016 sec)
Records: 4 Duplicates: 0 Warnings: 8
```

```
MariaDB [rumah_sakit_via]> select * from dokter;
```

id_dokter	nama	spesialis	jadwal_praktek	no_hp
1	Dr.rangga	Sp.jantung	00:00:00	2147483647
2	Dr.tina	Sp.paru	00:00:00	2147483647
3	Dr.riana	Sp.mata	00:00:00	2147483647
4	Dr.dina	Sp.otak	00:00:00	2147483647

```
4 rows in set (0.001 sec)
```

3. Lakukan perintah

```
MariaDB [rumah_sakit_via]> update pasien set diagnosa='bisul' where id_pasien = 4;
Query OK, 1 row affected (0.017 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [rumah_sakit_via]> select * from pasien;
```

id_pasien	nama	umur	jenis_kelamin	diagnosa
1	Via Okta	18	perempuan	demam
2	romian	20	perempuan	batuk
3	ricky	15	laki-laki	lambung
4	mey mia	17	perempuan	bisul

```
4 rows in set (0.001 sec)
```

a.

```
MariaDB [rumah_sakit_via]> alter table dokter add tahun_masuk int;
Query OK, 0 rows affected (0.020 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [rumah_sakit_via]> select * from dokter;
```

id_dokter	nama	spesialis	jadwal_praktek	no_hp	tahun_masuk
1	Dr.rangga	Sp.jantung	00:00:00	2147483647	NULL
2	Dr.tina	Sp.paru	00:00:00	2147483647	NULL
3	Dr.riana	Sp.mata	00:00:00	2147483647	NULL
4	Dr.dina	Sp.otak	00:00:00	2147483647	NULL

```
4 rows in set (0.001 sec)
```

b.

```
MariaDB [rumah_sakit_via]> alter table dokter modify jadwal_praktek bigint;
Query OK, 4 rows affected (0.064 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
MariaDB [rumah_sakit_via]> select * from dokter;
```

id_dokter	nama	spesialis	jadwal_praktek	no_hp	tahun_masuk
1	Dr.rangga	Sp.jantung	0	2147483647	NULL
2	Dr.tina	Sp.paru	0	2147483647	NULL
3	Dr.riana	Sp.mata	0	2147483647	NULL
4	Dr.dina	Sp.otak	0	2147483647	NULL

```
4 rows in set (0.002 sec)
```

c.

```
MariaDB [rumah_sakit_via]> delete from pasien where diagnosa = 'bisul';
Query OK, 1 row affected (0.015 sec)
```

```
MariaDB [rumah_sakit_via]> select * from pasien;
```

id_pasien	nama	umur	jenis_kelamin	diagnosa
1	Via Okta	18	perempuan	demam
2	romian	20	perempuan	batuk
3	ricky	15	laki-laki	lambung

```
3 rows in set (0.001 sec)
```

d.

4. Lakukan perintah berikut

```
MariaDB [rumah_sakit_via]> select * from pasien where id_pasien = 2;
+-----+-----+-----+-----+-----+
| id_pasien | nama   | umur | jenis_kelamin | diagnosa |
+-----+-----+-----+-----+-----+
|          2 | romian | 20   | perempuan     | batuk    |
+-----+-----+-----+-----+-----+
1 row in set (0.012 sec)
```

a.

```
MariaDB [rumah_sakit_via]> select * from pasien order by nama desc;
+-----+-----+-----+-----+-----+
| id_pasien | nama   | umur | jenis_kelamin | diagnosa |
+-----+-----+-----+-----+-----+
|          1 | Via Okta | 18   | perempuan     | demam    |
|          2 | romian  | 20   | perempuan     | batuk    |
|          3 | ricky   | 15   | laki-laki     | lambung  |
|          4 | mey mia | 17   | perempuan     | bisul    |
+-----+-----+-----+-----+-----+
4 rows in set (0.011 sec)
```

b.

```
MariaDB [rumah_sakit_via]> select nama, spesialis from dokter;
```

nama	spesialis
Dr.rangga	Sp.jantung
Dr.tina	Sp.paru
Dr.riana	Sp.mata
Dr.dina	Sp.otak

```
4 rows in set (0.001 sec)
```

c.

```
7 as_tempat_nari_ke depan -- at line 1
MariaDB [rumah_sakit_via]> select curdate() AS hari_ini, date_add(curdate(), interval 4 day) as tambah_4_hari;
```

hari_ini	tambah_4_hari
2025-05-05	2025-05-09

```
1 row in set (0.013 sec)
```

d.