

Nama : Ika Maria Daniati

Tugas : 2 Database

Kelompok : 1

Univ : UNP Kediri

masuk ke ruang DB dbpegawai melalui CMD

```
C:\Users\LENOVO>cd \
C:\>cd xampp\mysql\bin
C:\xampp\mysql\bin>mysql -u root -p dbpegawai
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 10.1.19-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

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

tampilkan tabel yang ada di dbpegawai

```
MariaDB [dbpegawai]> show tables;
+-----+
| Tables_in_dbpegawai |
+-----+
| divisi                |
| pegawai               |
+-----+
2 rows in set (0.02 sec)
```

tampilkan deskripsi tabel yang ada di dbpegawai

```
MariaDB [dbpegawai]> desc divisi;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
nama	varchar(30)	NO	UNI	NULL	

```
2 rows in set (0.06 sec)
```



```
MariaDB [dbpegawai]> desc pegawai;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
nip	char(5)	NO	UNI	NULL	
nama	varchar(30)	NO		NULL	
gender	enum('L','P')	NO		NULL	
tmp_lahir	varchar(30)	NO		NULL	
tgl_lahir	date	NO		NULL	
iddivisi	int(11)	NO		NULL	

```
7 rows in set (0.05 sec)
```

input data divisi => SDM, Keuangan, Marketing, IT

```
MariaDB [dbpegawai]> INSERT INTO divisi VALUES ('','SDM'),('','Keuangan'),('','Marketing'),('','IT');
Query OK, 4 rows affected, 4 warnings (0.03 sec)
Records: 4 Duplicates: 0 Warnings: 4
```

input 20 orang pegawai (1 divisi 5 orang, untuk gender dirandom)

```
MariaDB [dbpegawai]> INSERT INTO pegawai VALUES
-> ('','085','Ika','P','Kediri','2022-06-01','1'),
-> ('','084','Laurent','L','Kediri','2022-06-01','1'),
-> ('','083','Devi','P','Kediri','2022-06-02','1'),
-> ('','082','Yoga','L','Kediri','2022-06-01','1'),
-> ('','081','Yoga','P','Kediri','2022-06-01','1'),
-> ('','071','Evi','P','Kediri','2022-06-02','2'),
-> ('','072','Eril','L','Kediri','2022-06-02','2'),
-> ('','073','Devita','P','Kediri','2022-06-02','2'),
-> ('','074','Erik','L','Kediri','2022-06-02','2'),
-> ('','075','Anggun','P','Kediri','2022-06-02','2'),
-> ('','076','Erik','L','Kediri','2022-06-02','3'),
-> ('','078','Erika','P','Kediri','2022-06-02','3'),
-> ('','079','Salim','L','Kediri','2022-06-02','3'),
-> ('','061','Rika','P','Kediri','2022-06-02','3'),
-> ('','062','Faisal','L','Kediri','2022-06-02','3'),
-> ('','063','Rina','P','Kediri','2022-06-02','4'),
-> ('','064','Ari','L','Kediri','2022-06-02','4'),
-> ('','065','Ina','P','Kediri','2022-06-02','4'),
-> ('','066','Seno','L','Kediri','2022-06-02','4'),
-> ('','067','Isyana','P','Kediri','2022-06-02','4');
Query OK, 20 rows affected, 21 warnings (0.02 sec)
```

tampilkan seluruh data divisi

```
MariaDB [dbpegawai]> SELECT * FROM divisi
-> ;
```

id	nama
4	IT
2	Keuangan
3	Marketing
1	SDM

```
4 rows in set (0.01 sec)
```

tampilkan seluruh data pegawai

```
MariaDB [dbpegawai]> SELECT * FROM pegawai;
```

id	nip	nama	gender	tmp_lahir	tgl_lahir	iddivisi
21	085	Ika	P	Kediri	0000-00-00	1
22	084	Laurent	L	Kediri	2022-06-01	1
23	083	Devi	P	Kediri	2022-06-02	1
24	082	Yoga	L	Kediri	2022-06-01	1
25	081	Yoga	P	Kediri	2022-06-01	1
26	071	Evi	P	Kediri	2022-06-02	2
27	072	Eril	L	Kediri	2022-06-02	2
28	073	Devita	P	Kediri	2022-06-02	2
29	074	Erik	L	Kediri	2022-06-02	2
30	075	Anggun	P	Kediri	2022-06-02	2
31	076	Erik	L	Kediri	2022-06-02	3
32	078	Erika	P	Kediri	2022-06-02	3
33	079	Salim	L	Kediri	2022-06-02	3
34	061	Rika	P	Kediri	2022-06-02	3
35	062	Faisal	L	Kediri	2022-06-02	3
36	063	Rina	P	Kediri	2022-06-02	4
37	064	Ari	L	Kediri	2022-06-02	4
38	065	Ina	P	Kediri	2022-06-02	4
39	066	Seno	L	Kediri	2022-06-02	4
40	067	Isyana	P	Kediri	2022-06-02	4

```
20 rows in set (0.00 sec)
```

ubah 5 data pegawai (dengan ketentuan ubah 3 kolom(bebas))

```

MariaDB [dbpegawai]> UPDATE pegawai SET nip='255',tmp_lahir='Jogja',iddivisi='2' WHERE id = 4;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='205',tmp_lahir='Jogja',iddivisi='1' WHERE id = 3;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='105',tmp_lahir='Blitar',iddivisi='3' WHERE id = 5;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='155',tmp_lahir='Blitar',iddivisi='2' WHERE id = 6;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='165',tmp_lahir='Ngawi',iddivisi='2' WHERE id = 7;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

```

hapus 2 pegawai pegawai terakhir

```

MariaDB [dbpegawai]> Delete from pegawai where id=19;
Query OK, 1 row affected (0.00 sec)

MariaDB [dbpegawai]> Delete from pegawai where id=17;
Query OK, 1 row affected (0.01 sec)

```

- tampilkan kembali data pegawai

```

MariaDB [dbpegawai]> Select * from pegawai;
+----+-----+-----+-----+-----+-----+-----+
| id | nip  | nama   | gender | tmp_lahir | tgl_lahir | iddivisi |
+----+-----+-----+-----+-----+-----+-----+
| 1  | 085  | Ika    | P      | Kediri    | 0000-00-00 | 1        |
| 2  | 084  | Laurent| L      | Kediri    | 2022-06-01 | 1        |
| 3  | 205  | Devi   | P      | Jogja     | 2022-06-02 | 1        |
| 4  | 255  | Yoga   | L      | Jogja     | 2022-06-01 | 2        |
| 5  | 105  | Yoga   | P      | Blitar    | 2022-06-01 | 3        |
| 6  | 155  | Evi    | P      | Blitar    | 2022-06-02 | 2        |
| 7  | 165  | Eril   | L      | Ngawi     | 2022-06-02 | 2        |
| 8  | 073  | Devita | P      | Kediri    | 2022-06-02 | 2        |
| 9  | 074  | Erik   | L      | Kediri    | 2022-06-02 | 2        |
| 10 | 075  | Anggun | P      | Kediri    | 2022-06-02 | 2        |
| 11 | 076  | Erik   | L      | Kediri    | 2022-06-02 | 3        |
| 12 | 078  | Erika  | P      | Kediri    | 2022-06-02 | 3        |
| 13 | 079  | Salim  | L      | Kediri    | 2022-06-02 | 3        |
| 14 | 061  | Rika   | P      | Kediri    | 2022-06-02 | 3        |
| 15 | 062  | Faisal | L      | Kediri    | 2022-06-02 | 3        |
| 16 | 063  | Rina   | P      | Kediri    | 2022-06-02 | 4        |
| 18 | 065  | Ina    | P      | Kediri    | 2022-06-02 | 4        |
| 20 | 067  | Isyana | P      | Kediri    | 2022-06-02 | 4        |
+----+-----+-----+-----+-----+-----+-----+
18 rows in set (0.00 sec)

```

