

Nama : Ricky Agung Sumiranto

Tugas : 2 Database

Kelompok : 3

Univ : UNPKediri

Masuk Ke Ruang dbdatapegawai

```
C:\> Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.19042.985]
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C:\Users\asus>cd..

C:\Users>cd\xampp\mysql\bin

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.24-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use dbpegawai
Database changed
MariaDB [dbpegawai]>
```

Tampilkan Table yang ada di dbpegawai

```
MariaDB [dbpegawai]> Show tables;
+-----+
| Tables_in_dbpegawai |
+-----+
| devisi                |
| pegawai              |
+-----+
2 rows in set (0.001 sec)

MariaDB [dbpegawai]>
```

tampilkan deskripsi tabel yang ada di dbpegawai

```
MariaDB [dbpegawai]> desc devisi;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra           |
+-----+-----+-----+-----+-----+-----+
| id    | int(11)       | NO   | PRI | NULL    | auto_increment |
| Nama  | varchar(30)   | NO   | UNI | NULL    |                 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.041 sec)
```

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

```
MariaDB [dbpegawai]> INSERT INTO devisi VALUES('', 'SDM'), ('', 'Keuangan'), ('', 'Marketing'), ('', 'IT');
Query OK, 4 rows affected, 4 warnings (0.007 sec)
Records: 4 Duplicates: 0 Warnings: 4
```

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

```
MariaDB [dbpegawai]> INSERT INTO pegawai VALUES
-> ('', '20101', 'Dani', 'L', 'Nganjuk', '2022-10-19', '1'),
-> ('', '22008', 'Ika', 'P', 'Pare', '2022-10-25', '1'),
-> ('', '20333', 'Udin', 'L', 'Solo', '2022-10-26', '1'),
-> ('', '0928', 'Atika', 'P', 'Kediri', '2022-10-26', '1'),
-> ('', '71822', 'Hadi', 'L', 'Kediri', '2022-10-18', '1'),
-> ('', '89722', 'Tia', 'P', 'Nganjuk', '2022-10-11', '2'),
-> ('', '19223', 'Rika', 'P', 'Tulungagung', '2022-09-06', '2'),
-> ('', '12938', 'Wahyu', 'L', 'Nganjuk', '2022-01-06', '2'),
-> ('', '19826', 'Jhon', 'L', 'Trenggalek', '2001-02-03', '2'),
-> ('', '13827', 'Amel', 'P', 'Madiun', '2022-05-01', '2'),
-> ('', '19823', 'Ratu', 'P', 'Jakarta', '2022-02-03', '3'),
-> ('', '19221', 'Ricky', 'L', 'Nganjuk', '2022-04-06', '3'),
-> ('', '14286', 'Rio', 'L', 'Surabaya', '2022-03-02', '3'),
-> ('', '18273', 'Adel', 'P', 'Surabaya', '2022-09-02', '3'),
-> ('', '19387', 'Dini', 'P', 'Sulawesi', '2022-01-02', '3'),
-> ('', '19389', 'Samsul', 'L', 'Madura', '2022-02-01', '4'),
-> ('', '19982', 'Gani', 'L', 'Surabaya', '2022-02-02', '4'),
-> ('', '19233', 'Bintang', 'L', 'Pekan Baru', '2022-03-03', '4'),
-> ('', '19283', 'Rian', 'L', 'Nganjuk', '2022-04-02', '4'),
-> ('', '19243', 'Putut', 'L', 'Tulungagung', '2022-09-04', '4');
Query OK, 20 rows affected, 20 warnings (0.004 sec)
Records: 20 Duplicates: 0 Warnings: 20
```

tampilkan seluruh data divisi

```
MariaDB [dbpegawai]> SELECT * FROM divisi;
+----+-----+
| id | Nama      |
+----+-----+
| 4  | IT        |
| 2  | Keuangan  |
| 3  | Marketing |
| 1  | SDM       |
+----+-----+
4 rows in set (0.000 sec)
```

tampilkan seluruh data pegawai

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

id	nip	nama	gender	tmp_lahir	tgl_lahir	iddivisi
1	20101	Dani	L	Nganjuk	2022-10-19	1
2	22008	Ika	P	Pare	2022-10-25	1
3	20333	Udin	L	Solo	2022-10-26	1
4	0928	Atika	P	Kediri	2022-10-26	1
5	71822	Hadi	L	Kediri	2022-10-18	1
6	89722	Tia	P	Nganjuk	2022-10-11	2
7	19223	Rika	P	Tulungagung	2022-09-06	2
8	12938	Wahyu	L	Nganjuk	2022-01-06	2
9	19826	Jhon	L	Trenggalek	2001-02-03	2
10	13827	Amel	P	Madiun	2022-05-01	2
11	19823	Ratu	P	Jakarta	2022-02-03	3
12	19221	Ricky	L	Nganjuk	2022-04-06	3
13	14286	Rio	L	Surabaya	2022-03-02	3
14	18273	Adel	P	Surabaya	2022-09-02	3
15	19387	Dini	P	Sulawesi	2022-01-02	3
16	19389	Samsul	L	Madura	2022-02-01	4
17	19982	Gani	L	Surabaya	2022-02-02	4
18	19233	Bintang	L	Pekan Baru	2022-03-03	4
19	19283	Rian	L	Nganjuk	2022-04-02	4
20	19243	Putut	L	Tulungagung	2022-09-04	4

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

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

```
MariaDB [dbpegawai]> UPDATE pegawai SET nip='21122', tmp_lahir='Mojokerto', iddivisi='4' WHERE id = 19;
Query OK, 1 row affected (0.005 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='21332', tmp_lahir='Jombang', iddivisi='2' WHERE id = 10;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='21212', tmp_lahir='Kediri', iddivisi='1' WHERE id = 15;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='21211', tmp_lahir='Kediri', iddivisi='2' WHERE id = 4;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [dbpegawai]> UPDATE pegawai SET nip='21215', tmp_lahir='Ngawi', iddivisi='4' WHERE id = 2;
Query OK, 1 row affected (0.004 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 (0.004 sec)

MariaDB [dbpegawai]> DELETE FROM pegawai WHERE id=20;
Query OK, 1 row affected (0.004 sec)

MariaDB [dbpegawai]>

```

tampilkan kembali data pegawai

```

MariaDB [dbpegawai]> select * from pegawai;
+----+-----+-----+-----+-----+-----+-----+
| id | nip   | nama  | gender | tmp_lahir | tgl_lahir | iddivisi |
+----+-----+-----+-----+-----+-----+-----+
| 1  | 20101 | Dani  | L      | Nganjuk  | 2022-10-19 | 1        |
| 2  | 21215 | Ika    | P      | Ngawi    | 2022-10-25 | 4        |
| 3  | 20333 | Udin   | L      | Solo     | 2022-10-26 | 1        |
| 4  | 21211 | Atika  | P      | Kediri   | 2022-10-26 | 2        |
| 5  | 71822 | Hadi   | L      | Kediri   | 2022-10-18 | 1        |
| 6  | 89722 | Tia    | P      | Nganjuk  | 2022-10-11 | 2        |
| 7  | 19223 | Rika   | P      | Tulungagung | 2022-09-06 | 2        |
| 8  | 12938 | Wahyu  | L      | Nganjuk  | 2022-01-06 | 2        |
| 9  | 19826 | Jhon   | L      | Trenggalek | 2001-02-03 | 2        |
| 10 | 21332 | Amel   | P      | Jombang  | 2022-05-01 | 2        |
| 11 | 19823 | Ratu   | P      | Jakarta  | 2022-02-03 | 3        |
| 12 | 19221 | Ricky  | L      | Nganjuk  | 2022-04-06 | 3        |
| 13 | 21221 | Rio    | L      | Kediri   | 2022-03-02 | 11       |
| 14 | 18273 | Adel   | P      | Surabaya | 2022-09-02 | 3        |
| 15 | 21212 | Dini   | P      | Kediri   | 2022-01-02 | 1        |
| 16 | 19389 | Samsul | L      | Madura    | 2022-02-01 | 4        |
| 17 | 19982 | Gani   | L      | Surabaya | 2022-02-02 | 4        |
| 18 | 19233 | Bintang | L      | Pekan Baru | 2022-03-03 | 4        |
+----+-----+-----+-----+-----+-----+-----+
18 rows in set (0.000 sec)

```