

PRAKTIKUM MODUL 2

Pertama-tama download file.sql pada link yang sudah disediakan oleh ASLAB
https://drive.google.com/file/d/1vrGVTS4KicyVLb7PQdSjW_QI-

Lalu tambahkan perintah:

```
CREATE DATABASE IF NOT EXISTS bimbel;  
USE bimbel;
```

```
22 --  
23  
24 CREATE DATABASE IF NOT EXISTS bimbel;  
25 USE bimbel;  
26  
27 --
```

Setelah itu Save file.sql dan import file ke *phpmyadmin*.

```
MariaDB [restoran_reservasi]> SHOW DATABASES;
```

Database
MAHASISWA
auth_db
bimbel
crud_db
information_schema
kepegawaian
mysql
performance_schema
perpustakaan
phpmyadmin
rawat_inap
restoran_reservasi
test

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

```
MariaDB [restoran_reservasi]> USE bimbel;
```

```
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A
```

```
Database changed  
MariaDB [bimbel]>
```

```

Database changed
MariaDB [bimbel]> SHOW TABLES;
+-----+
| Tables_in_bimbel |
+-----+
| mapel             |
| mengambil         |
| paket            |
| pembayaran       |
| pengajar         |
| siswa            |
| terdapat         |
+-----+
7 rows in set (0.001 sec)

MariaDB [bimbel]> 

```

SOAL:

1. Tampilkan nama pengajar yang mengambil mapel bahasa indonesia

```

SELECT nama_pengajar, nama_mapel FROM pengajar p, mapel m
WHERE p.kode_mapel = m.kode_mapel AND m.nama_mapel =
'bahasa indonesia'

```

```

MariaDB [bimbel]> SELECT nama_pengajar
+-----+-----+
| nama_pengajar | nama_mapel |
+-----+-----+
| emi          | bahasa indonesia |
| ani          | bahasa indonesia |
+-----+-----+
2 rows in set (0.001 sec)

```

2. Tambahkan data pada tabel siswa (isi terserah)

INSERT INTO siswa VALUES (121, 'fuad', 081234567890, 'bulak banteng', 'sma 05');

```
bash
MariaDB [bimbel]> SELECT * FROM siswa;
+-----+-----+-----+-----+-----+
| id_siswa | nama_siswa | no_hp      | alamat    | asal_Sekolah |
+-----+-----+-----+-----+-----+
| 112      | slamet     | 89143276433 | diryorejo | sma 05       |
| 113      | birsa      | 089143276423 | ampel     | sma 03       |
| 114      | brend      | 089143276424 | ambengan  | sma 04       |
| 115      | frendi     | 089143276425 | perak     | sma 03       |
| 116      | ferdi      | 089143276426 | ampel     | sma 02       |
| 117      | nisa       | 089143276427 | ambengan  | sma 03       |
| 118      | narzo      | 089143276428 | sidotopo  | sma 01       |
| 119      | sakura     | 089143276429 | perak     | sma 02       |
| 120      | sasuning   | 089143276430 | sidotopo  | sma 01       |
+-----+-----+-----+-----+-----+
9 rows in set (0.001 sec)

MariaDB [bimbel]> INSERT INTO siswa VALUES (121, 'fuad', 081234567890, 'bulak banteng', 'sma 05');
Query OK, 1 row affected (0.009 sec)

MariaDB [bimbel]> SELECT * FROM siswa;
+-----+-----+-----+-----+-----+
| id_siswa | nama_siswa | no_hp      | alamat    | asal_Sekolah |
+-----+-----+-----+-----+-----+
| 112      | slamet     | 89143276433 | diryorejo | sma 05       |
| 113      | birsa      | 089143276423 | ampel     | sma 03       |
| 114      | brend      | 089143276424 | ambengan  | sma 04       |
| 115      | frendi     | 089143276425 | perak     | sma 03       |
| 116      | ferdi      | 089143276426 | ampel     | sma 02       |
| 117      | nisa       | 089143276427 | ambengan  | sma 03       |
| 118      | narzo      | 089143276428 | sidotopo  | sma 01       |
| 119      | sakura     | 089143276429 | perak     | sma 02       |
| 120      | sasuning   | 089143276430 | sidotopo  | sma 01       |
| 121      | fuad       | 81234567890 | bulak banteng | sma 05       |
+-----+-----+-----+-----+-----+
10 rows in set (0.001 sec)

MariaDB [bimbel]>
```

3. Hapus salah satu data pada tabel siswa (data terserah)

DELETE FROM siswa WHERE id_siswa=121;

```
MariaDB [bimbel]> delete from siswa where id_siswa=121;
Query OK, 1 row affected (0.008 sec)

MariaDB [bimbel]> select * from siswa
-> ;
+-----+-----+-----+-----+-----+
| id_siswa | nama_siswa | no_hp      | alamat    | asal_Sekolah |
+-----+-----+-----+-----+-----+
| 112      | slamet     | 89143276433 | diryorejo | sma 05       |
| 113      | birsa      | 089143276423 | ampel     | sma 03       |
| 114      | brend      | 089143276424 | ambengan  | sma 04       |
| 115      | frendi     | 089143276425 | perak     | sma 03       |
| 116      | ferdi      | 089143276426 | ampel     | sma 02       |
| 117      | nisa       | 089143276427 | ambengan  | sma 03       |
| 118      | narzo      | 089143276428 | sidotopo  | sma 01       |
| 119      | sakura     | 089143276429 | perak     | sma 02       |
| 120      | sasuning   | 089143276430 | sidotopo  | sma 01       |
+-----+-----+-----+-----+-----+
9 rows in set (0.000 sec)

MariaDB [bimbel]>
```

4. Update atau rubah salah satu data pada tabel pengajar (data terserah)
UPDATE pengajar SET lulusan='itats' WHERE id_pengajar='p1';

```
* at line 1
MariaDB [bimbel]> SELECT * FROM pengajar;
+-----+-----+-----+-----+-----+-----+
| id_pengajar | nama_pengajar | no_hp      | alamat  | lulusan | kode_mapel |
+-----+-----+-----+-----+-----+-----+
| b1          | emi           | 089143276450 | pucung  | ubaya   | b01        |
| b2          | ani           | 089143276451 | kupang  | itats   | b02        |
| e1          | putut         | 089143276453 | kenjeran | untag   | e01        |
| e2          | pitut         | 089143276454 | sidotopo | stikom  | e02        |
| i1          | firli         | 089143276452 | gunung sari | narotama | i01        |
| m1          | dikun         | 089143276458 | ambengan | its     | m01        |
| m2          | nurkan        | 089143276459 | kenjeran | unesa   | m02        |
| p1          | irma          | 089143276444 | ampel   | narotama | p01        |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.000 sec)

MariaDB [bimbel]> UPDATE pengajar SET lulusan='itats' WHERE id_pengajar='p1';
Query OK, 1 row affected (0.009 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [bimbel]> SELECT * FROM pengajar;
+-----+-----+-----+-----+-----+-----+
| id_pengajar | nama_pengajar | no_hp      | alamat  | lulusan | kode_mapel |
+-----+-----+-----+-----+-----+-----+
| b1          | emi           | 089143276450 | pucung  | ubaya   | b01        |
| b2          | ani           | 089143276451 | kupang  | itats   | b02        |
| e1          | putut         | 089143276453 | kenjeran | untag   | e01        |
| e2          | pitut         | 089143276454 | sidotopo | stikom  | e02        |
| i1          | firli         | 089143276452 | gunung sari | narotama | i01        |
| m1          | dikun         | 089143276458 | ambengan | its     | m01        |
| m2          | nurkan        | 089143276459 | kenjeran | unesa   | m02        |
| p1          | irma          | 089143276444 | ampel   | itats   | p01        |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.000 sec)

MariaDB [bimbel]> █
```