

## LATIHAN PRAKTIKUM 4 DML

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### 1. Masukkan data ke dalam tabel

```
INSERT INTO barang (nama_barang, stok, harga) VALUES  
( 'Bola Basket', 2, 150000),  
( 'Bola Voli', 5, 100000),  
( 'Net Voli', 1, 200000),  
( 'Kerucut', 50, 10000),  
( 'Handuk', 12, 15000),  
( 'Peluit', 10, 5000),  
( 'Kartu Kuning', 9, 3000),  
( 'Kartu Merah', 6, 3000);
```

```
MariaDB [gor]> SELECT * FROM barang;  
+-----+-----+-----+-----+  
| id | nama_barang | harga | stok |  
+-----+-----+-----+-----+  
| 1 | Bola Basket | 150000 | 2 |  
| 2 | Bola Voli | 100000 | 5 |  
| 3 | Net Voli | 200000 | 1 |  
| 4 | Kerucut | 10000 | 50 |  
| 5 | Handuk | 15000 | 12 |  
| 6 | Peluit | 5000 | 10 |  
| 7 | Kartu Kuning | 3000 | 9 |  
| 8 | Kartu Merah | 3000 | 6 |  
+-----+-----+-----+-----+  
8 rows in set (0.001 sec)  
  
MariaDB [gor]> |
```

### 2. Memasukan minimal 2 data ke tabel

#### a. Tambahkan ke tabel barang

```
INSERT INTO barang (nama_barang, stok, harga) VALUES  
( 'Sepatu Olahraga', 8, 250000),  
( 'Jersey Tim', 15, 75000);
```

```
MariaDB [gor]> SELECT * FROM barang;
```

id	nama_barang	harga	stok
1	Bola Basket	150000	2
2	Bola Voli	100000	5
3	Net Voli	200000	1
4	Kerucut	10000	50
5	Handuk	15000	12
6	Peluit	5000	10
7	Kartu Kuning	3000	9
8	Kartu Merah	3000	6
9	Sepatu Olahraga	250000	8
10	Jersey Tim	75000	15

```
10 rows in set (0.001 sec)

MariaDB [gor]> |
```

**b. Tambahkan ke tabel booking**

```
INSERT INTO booking (is_member, id_pelanggan, status_booking, total_harga,
total_jam, tanggal_booking) VALUES
('Yes', 1, 'Confirmed', 300000, '2', '2025-03-22'),
('No', 2, 'Pending', 150000, '1', '2025-03-23');
```

```
MariaDB [gor]> SELECT * FROM booking;
```

id	is_member	id_pelanggan	status_booking	total_harga	total_jam	tanggal_booking
1	Yes	1	Confirmed	300000	2	2025-03-22
2	No	2	Pending	150000	1	2025-03-23

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

**c. Tambahkan ke tabel kegiatan**

```
INSERT INTO kegiatan (nama_kegiatan, biaya) VALUES
('Futsal', 100000),
('Basket', 120000);
```

```
MariaDB [gor]> SELECT * FROM kegiatan;
```

id	nama_kegiatan	biaya
1	Futsal	100000
2	Basket	120000

```
2 rows in set (0.001 sec)

MariaDB [gor]> |
```

d. Tambahkan ke tabel pelanggan

```
INSERT INTO pelanggan (nama_pelanggan, alamat, no_hp) VALUES  
(  
'Budi Santoso', 'Jl. Merdeka No. 45', '081234567890'),  
(  
'Ani Wijaya', 'Jl. Sudirman No. 67', '089876543210');
```

```
MariaDB [gor]> SELECT * FROM pelanggan;  
+-----+-----+-----+-----+  
| id | nama_pelanggan | alamat | no_hp |  
+-----+-----+-----+-----+  
| 1 | Budi Santoso | Jl. Merdeka No. 45 | 081234567890 |  
| 2 | Ani Wijaya | Jl. Sudirman No. 67 | 089876543210 |  
+-----+-----+-----+-----+  
2 rows in set (0.001 sec)  
  
MariaDB [gor]>
```

e. Tambahkan ke tabel slot\_waktu

```
INSERT INTO slot_waktu (waktu_awal, waktu_akhir) VALUES  
(  
'08:00:00', '10:00:00'),  
(  
'10:00:00', '12:00:00');
```

```
MariaDB [gor]> SELECT * FROM slot_waktu;  
+-----+-----+-----+  
| id | waktu_awal | waktu_akhir |  
+-----+-----+-----+  
| 1 | 08:00:00 | 10:00:00 |  
| 2 | 10:00:00 | 12:00:00 |  
+-----+-----+-----+  
2 rows in set (0.002 sec)  
  
MariaDB [gor]>
```

f. Tambahkan ke tabel list\_booking

```
INSERT INTO list_booking (id_slot_waktu, id_booking, id_kegiatan, tanggal_main)  
VALUES  
(1, 1, 1, '2025-03-25'),  
(2, 2, 2, '2025-03-26');
```

```
MariaDB [gor]> SELECT * FROM slot_waktu;  
+-----+-----+-----+  
| id | waktu_awal | waktu_akhir |  
+-----+-----+-----+  
| 1 | 08:00:00 | 10:00:00 |  
| 2 | 10:00:00 | 12:00:00 |  
+-----+-----+-----+  
2 rows in set (0.002 sec)  
  
MariaDB [gor]>
```

**g. Tambahkan ke tabel list\_barang**

```
INSERT INTO list_barang (id_booking, id_barang, Kuantitas_pinjam) VALUES  
(1, 4, 2),  
(2, 5, 1);
```

```
MariaDB [gor]> SELECT * FROM list_barang;  
+-----+-----+-----+-----+  
| id | id_booking | id_barang | Kuantitas_pinjam |  
+-----+-----+-----+-----+  
| 1 | 1 | 4 | 2 |  
| 2 | 2 | 5 | 1 |  
+-----+-----+-----+-----+  
2 rows in set (0.001 sec)  
  
MariaDB [gor]>
```

**3. Pada tabel barang, Apabila terdapat stok < 10, tambahkan stok sebanyak 5 buah**

```
UPDATE barang  
SET stok = stok + 5  
WHERE stok < 10;
```

```
MariaDB [gor]> SELECT * FROM barang;  
+-----+-----+-----+-----+  
| id | nama_barang | harga | stok |  
+-----+-----+-----+-----+  
| 1 | Bola Basket | 150000 | 7 |  
| 2 | Bola Voli | 100000 | 10 |  
| 3 | Net Voli | 200000 | 6 |  
| 4 | Kerucut | 10000 | 50 |  
| 5 | Handuk | 15000 | 12 |  
| 6 | Peluit | 5000 | 10 |  
| 7 | Kartu Kuning | 3000 | 14 |  
| 8 | Kartu Merah | 3000 | 11 |  
| 9 | Sepatu Olahraga | 250000 | 13 |  
| 10 | Jersey Tim | 75000 | 15 |  
+-----+-----+-----+-----+  
10 rows in set (0.001 sec)  
  
MariaDB [gor]>
```

#### 4. Hapus data pada Tabel Barang yang harganya > rata-rata Harga barang pada tabel

```
DELETE FROM barang
WHERE harga > (SELECT AVG(harga) FROM barang);
```

```
MariaDB [gor]> SELECT * FROM barang;
+----+-----+-----+-----+
| id | nama_barang | harga | stok |
+----+-----+-----+-----+
| 4  | Kerucut     | 10000 | 50   |
| 5  | Handuk      | 15000 | 12   |
| 6  | Peluit      | 5000  | 10   |
| 7  | Kartu Kuning| 3000  | 14   |
| 8  | Kartu Merah | 3000  | 11   |
| 10 | Jersey Tim  | 75000 | 15   |
+----+-----+-----+-----+
6 rows in set (0.001 sec)

MariaDB [gor]>
```

#### 5. Menampilkan jumlah data, rata-rata, max, dan min dari kolom harga pada tabel barang pada satu tabel/query yang sama

```
SELECT
COUNT(*) AS jumlah_barang,
AVG(harga) AS rata_rata_harga,
MAX(harga) AS harga_maksimum,
MIN(harga) AS harga_minimum
FROM barang;
```

```
MariaDB [gor]> SELECT
-> COUNT(*) AS jumlah_barang,
-> AVG(harga) AS rata_rata_harga,
-> MAX(harga) AS harga_maksimum,
-> MIN(harga) AS harga_minimum
-> FROM barang;
+----+-----+-----+-----+
| jumlah_barang | rata_rata_harga | harga_maksimum | harga_minimum |
+----+-----+-----+-----+
| 6             | 18500.0000      | 75000           | 3000          |
+----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [gor]> |
```