

Tugas 2

TABEL MAHASISWA

| NPM | NAMA | ALAMAT |
|------------|--------------|---------|
| 2010500225 | Quraish | Bogor |
| 2010500239 | Prananingrum | Bogor |
| 2011500331 | Pipit | Bekasi |
| 2011500193 | Nurhayati | Jakarta |
| 2009500579 | Budi | Depok |
| 2009500690 | Lilik | Jakarta |
| 2009500667 | Pratiwi | Jakarta |

TABEL TRANSAKSI

| KODE | JENIS | HARGA | JUMLAH |
|------|-------|-------|--------|
| 01 | | 35000 | 5 |
| 03 | | 25000 | 2 |
| 02 | | 20000 | 2 |
| 03 | | 27500 | 3 |

PERINTAH:

1. Tampilkan seluruh data Mahasiswa yang namanya mengandung huruf "i"!

```
MariaDB [tugas2]> select * from Mahasiswa where Nama LIKE '
+-----+-----+
| NPM      | Nama      | Alamat |
+-----+-----+
| 2009500579 | Budi      | Depok  |
| 2009500667 | Pratiwi   | Jakarta|
| 2009500690 | Lilik     | Jakarta|
| 2010500225 | Quraish   | Bogor  |
| 2010500239 | Prananingrum | Bogor  |
| 2011500193 | Nurhayati | Jakarta|
| 2011500331 | Pipit     | Bekasi |
+-----+-----+
7 rows in set (0.002 sec)
```

2. Tampilkan Nama, Alamat yang beralamat di Jakarta!

```
MariaDB [tugas2]> select Nama, Alamat from Mahasiswa where
+-----+-----+
| Nama      | Alamat  |
+-----+-----+
| Pratiwi   | Jakarta |
| Lilik     | Jakarta |
| Nurhayati | Jakarta |
+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]> █
```

3. Tampilkan seluruh data yang alamatnya di Bogor dan Bekasi!

```
MariaDB [tugas2]> select * from Mahasiswa where Alamat='Bog
+-----+-----+-----+
| NPM      | Nama      | Alamat |
+-----+-----+-----+
| 2010500225 | Quraish   | Bogor  |
| 2010500239 | Prananingrum | Bogor  |
| 2011500331 | Pipit     | Bekasi |
+-----+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]> █
```

4. Tampilkan seluruh data yang namanya hanya terdiri dari 4 karakter!

```
MariaDB [tugas2]> select * from Mahasiswa where Nama LIKE '
____';
+-----+-----+-----+
| NPM      | Nama      | Alamat |
+-----+-----+-----+
| 2009500579 | Budi      | Depok  |
+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [tugas2]> █
```

5. Tampilkan NPM dan Nama yang namanya berawalan dari huruf "P"!

```
MariaDB [tugas2]> select NPM, Nama from Mahasiswa where Nam
+-----+-----+
| NPM      | Nama      |
+-----+-----+
| 2009500667 | Pratiwi   |
| 2010500239 | Prananingrum |
| 2011500331 | Pipit     |
+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]> █
```

6. Tampilkan seluruh data mahasiswa yang namanya diurut dari A ke Z!

```
MariaDB [tugas2]> select * from Mahasiswa ORDER BY Nama ASC;
+-----+-----+-----+
| NPM      | Nama      | Alamat |
+-----+-----+-----+
| 2009500579 | Budi      | Depok  |
| 2009500690 | Lilik     | Jakarta|
| 2011500193 | Nurhayati | Jakarta|
| 2011500331 | Pipit     | Bekasi |
| 2010500239 | Prananingrum | Bogor  |
| 2009500667 | Pratiwi   | Jakarta|
| 2010500225 | Quraish   | Bogor  |
+-----+-----+-----+
7 rows in set (0.027 sec)

MariaDB [tugas2]>
```

7. Tampilkan seluruh data yang namanya tidak mengandung huruf "U"!

```
MariaDB [tugas2]> select * from Mahasiswa where Nama NOT LI
+-----+-----+-----+
| NPM      | Nama      | Alamat |
+-----+-----+-----+
| 2009500667 | Pratiwi   | Jakarta|
| 2009500690 | Lilik     | Jakarta|
| 2011500331 | Pipit     | Bekasi |
+-----+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]>
```

8. Input nilai untuk field Jenis="Elektronik" untuk kode 01!

```
MariaDB [tugas2]> update Transaksi set jenis='Elektronik' w
Query OK, 1 row affected (0.018 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [tugas2]> select * from Transaksi;
+-----+-----+-----+-----+
| Kode | Jenis      | Harga | Jumlah |
+-----+-----+-----+-----+
| 01   | Elektronik | 35000 | 5       |
| 03   | NULL      | 25000 | 2       |
| 02   | NULL      | 20000 | 2       |
| 03   | NULL      | 27500 | 3       |
+-----+-----+-----+-----+
4 rows in set (0.001 sec)

MariaDB [tugas2]>
```

9. Input nilai untuk field Jenis="Komputer" untuk kode 02!

```
MariaDB [tugas2]> update Transaksi set jenis='Komputer' whe
Query OK, 1 row affected (0.017 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

10. Input nilai untuk field Jenis = "Game Station" untuk kode 03!

```
MariaDB [tugas2]> update Transaksi set jenis='Game Station'
where Kode='03';
Query OK, 2 rows affected (0.023 sec)
Rows matched: 2  Changed: 2  Warnings: 0

MariaDB [tugas2]> select * from Transaksi;
+-----+-----+-----+-----+
| Kode | Jenis      | Harga | Jumlah |
+-----+-----+-----+-----+
| 01   | Elektronik | 35000 | 5       |
| 03   | Game Station | 25000 | 2       |
| 02   | Komputer  | 20000 | 2       |
| 03   | Game Station | 27500 | 3       |
+-----+-----+-----+-----+
4 rows in set (0.001 sec)

MariaDB [tugas2]> █
```

11. Tampilkan seluruh data pada tabel transaksi yang harganya antara Rp25000 s.d. Rp35000

```
MariaDB [tugas2]> select * from Transaksi where Harga>=2500
+-----+-----+-----+-----+
| Kode | Jenis      | Harga | Jumlah |
+-----+-----+-----+-----+
| 01   | Elektronik | 35000 | 5       |
| 03   | Game Station | 25000 | 2       |
| 03   | Game Station | 27500 | 3       |
+-----+-----+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]> █
```

12. Tampilkan seluruh data yang harganya bukan Rp20000!

```
MariaDB [tugas2]> select * from Transaksi where Harga<>2000
+-----+-----+-----+-----+
| Kode | Jenis      | Harga | Jumlah |
+-----+-----+-----+-----+
| 01   | Elektronik | 35000 | 5       |
| 03   | Game Station | 25000 | 2       |
| 03   | Game Station | 27500 | 3       |
+-----+-----+-----+-----+
3 rows in set (0.002 sec)

MariaDB [tugas2]> █
```

13. Tampilkan Total Harga pada tabel transaksi!

```
MariaDB [tugas2]> SELECT SUM(Harga)Total_Harga FROM Transak
si;
+-----+
| Total_Harga |
+-----+
|      107500 |
+-----+
1 row in set (0.001 sec)

MariaDB [tugas2]> █
```

14. Tampilkan Total Jumlah pada tabel transaksi!

```
MariaDB [tugas2]> SELECT COUNT(*)Jumlah FROM Transaksi;
+-----+
| Jumlah |
+-----+
|      4 |
+-----+
1 row in set (0.002 sec)

MariaDB [tugas2]> █
```

15. Tampilkan Rata-rata harga pada tabel transaksi!

```
MariaDB [tugas2]> SELECT AVG(Harga)RataRata_Harga FROM Tran
saksi;
+-----+
| RataRata_Harga |
+-----+
|    26875.0000 |
+-----+
1 row in set (0.001 sec)

MariaDB [tugas2]> █
```

Nama: Mohamad Misbah

S4C

NPM: 201843500761