

Yoga AP  
L200180204/H  
Tugas Modul 6

Nomer 1

```
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 9
Server version: 10.4.11-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 perbankan;
Database changed
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Ahn Hyo Seop | Jl. Rajawali 3b |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokananta | Jl. Tidar 86 |
| Jang Dong Yoon | Jl. Mendungan 20 |
| Joo Jihoon | Jl. Elang Mas 2 |
| Kang Haneul | Ruko Garuda Mas |
| Kartika Padmasari | Jl. Manggis 15 |
| Khumaila Yusrifa | Jl. Menco Raya 43 |
| Kim Yo han | Jl. Gatak 12 |
| Lee Seung Gi | Perum Blulukan Regency 2 |
| Maryati | Jl. MT. Haryono 31 |
| Nam Joo Hyuk | Pasar Kleco |
| Park Hyung Shik | Jl. Menco 15 |
| Park Seo Joon | Jl. Deposito 5 |
| Sari Murti | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadhi 45 |
| Superman | Jl. Hasanudin 81 |
| Sutopo | Jl. Jendral Soedirman 12 |
+-----+-----+
19 rows in set (0.050 sec)
```

Nomer 2

```

MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE jenis_transaksi LIKE "kredit";
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 20000  |
| kredit          | 30000  |
| kredit          | 200000 |
| kredit          | 150000 |
| kredit          | 100000 |
| kredit          | 40000  |
| kredit          | 20000  |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 20000  |
| kredit          | 100000 |
| kredit          | 200000 |
| kredit          | 50000  |
| kredit          | 520000 |
| kredit          | 300000 |
| kredit          | 2050000|
| kredit          | 1500000|
| kredit          | 1500000|
| kredit          | 500000 |
| kredit          | 400000 |
| kredit          | 200000 |
| kredit          | 50000  |
| kredit          | 2200000|
+-----+-----+
24 rows in set (0.049 sec)

```

Nomer 3

```

MariaDB [perbankan]> SELECT tanggal, jenis_transaksi, jumlah FROM transaksi WHERE DATE "2020-03-31" ORDER BY jumlah;
+-----+-----+-----+
| tanggal                | jenis_transaksi | jumlah |
+-----+-----+-----+
| 2020-03-31 23:08:57    | debit          | 20000  |
| 2020-03-31 23:08:57    | kredit         | 20000  |
| 2020-03-31 23:08:57    | kredit         | 20000  |
| 2020-03-31 23:08:57    | kredit         | 20000  |
| 2020-03-31 23:08:57    | debit          | 20000  |
| 2020-03-31 23:08:57    | kredit         | 30000  |
| 2020-03-31 23:08:57    | debit          | 40000  |
| 2020-03-31 23:08:57    | kredit         | 40000  |
| 2020-03-31 23:08:57    | debit          | 40000  |
| 2020-03-31 23:08:57    | kredit         | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:45:56    | kredit         | 50000  |
| 2020-03-31 23:45:56    | kredit         | 50000  |
| 2020-03-31 23:45:56    | debit          | 50000  |
| 2020-03-31 23:08:57    | debit          | 50000  |
| 2020-03-31 23:45:56    | debit          | 100000 |
| 2020-03-31 23:08:57    | debit          | 100000 |
| 2020-03-31 23:08:57    | kredit         | 100000 |
| 2020-03-31 23:08:57    | kredit         | 100000 |
| 2020-03-31 23:08:57    | debit          | 100000 |
| 2020-03-31 23:08:57    | debit          | 100000 |
| 2020-03-31 23:45:56    | debit          | 100000 |
| 2020-03-31 23:08:57    | debit          | 100000 |
| 2020-03-31 23:08:57    | debit          | 100000 |
| 2020-03-31 23:08:57    | kredit         | 100000 |
| 2020-03-31 23:45:56    | debit          | 140000 |
| 2020-03-31 23:08:57    | kredit         | 150000 |
| 2020-03-31 23:45:56    | debit          | 150000 |
| 2020-03-31 23:45:56    | debit          | 200000 |
| 2020-03-31 23:45:56    | kredit         | 200000 |
| 2020-03-31 23:08:57    | kredit         | 200000 |
| 2020-03-31 23:08:57    | debit          | 200000 |
| 2020-03-31 23:08:57    | kredit         | 200000 |
| 2020-03-31 23:08:57    | kredit         | 200000 |
| 2020-03-31 23:45:56    | debit          | 200000 |
| 2020-03-31 23:45:56    | kredit         | 300000 |
| 2020-03-31 23:45:56    | kredit         | 400000 |
| 2020-03-31 23:45:56    | kredit         | 500000 |
| 2020-03-31 23:45:56    | kredit         | 520000 |
| 2020-03-31 23:45:56    | debit          | 550000 |
| 2020-03-31 23:45:56    | debit          | 1000000 |
| 2020-03-31 23:45:56    | kredit         | 1500000 |
| 2020-03-31 23:45:56    | kredit         | 1500000 |
| 2020-03-31 23:45:56    | kredit         | 2050000 |
| 2020-03-31 23:45:56    | kredit         | 2200000 |
+-----+-----+-----+
50 rows in set (0.001 sec)

```

Nomer 4

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```

| Jang Dong Yoon | kredit | 20000 |
| Kim Yo han | kredit | 20000 |
| Park Hyung Shik | kredit | 20000 |
| Lee Seung Gi | kredit | 20000 |
| Kang Haneul | kredit | 20000 |
| Joo Jihoon | kredit | 20000 |
| Sutopo | kredit | 20000 |
| Maryati | kredit | 20000 |
| Suparman | kredit | 20000 |
| Kartika Padmasari | kredit | 20000 |
| Budi Eko Prayogo | kredit | 20000 |
| Satria Eka Jaya | kredit | 20000 |
| Sari Murti | kredit | 20000 |
| Canka Lokananta | kredit | 20000 |
| Budi Murtono | kredit | 20000 |
| Khumaila Yusrifa | kredit | 20000 |
| Ahn Hyo Seop | kredit | 20000 |
| Nam Joo Hyuk | kredit | 20000 |
| Park Seo Joon | kredit | 20000 |
| Jang Dong Yoon | kredit | 20000 |
| Kim Yo han | kredit | 20000 |
| Park Hyung Shik | kredit | 20000 |
| Lee Seung Gi | kredit | 20000 |
| Kang Haneul | kredit | 20000 |
| Joo Jihoon | kredit | 20000 |
| Sutopo | debit | 20000 |
| Maryati | debit | 20000 |
| Suparman | debit | 20000 |
| Kartika Padmasari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria Eka Jaya | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtono | debit | 20000 |
| Khumaila Yusrifa | debit | 20000 |
| Ahn Hyo Seop | debit | 20000 |
| Nam Joo Hyuk | debit | 20000 |
| Park Seo Joon | debit | 20000 |
| Jang Dong Yoon | debit | 20000 |
| Kim Yo han | debit | 20000 |
| Park Hyung Shik | debit | 20000 |
| Lee Seung Gi | debit | 20000 |
| Kang Haneul | debit | 20000 |
| Joo Jihoon | debit | 20000 |
+-----+
95 rows in set (0.001 sec)

MariaDB [perbankan]>

```

## Nomer 5

```

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE "Su%";
+-----+
| nama_nasabah | alamat_nasabah |
+-----+
| Sutopo | Jl. Jendral Soedirman 12 |
| Suparman | Jl. Hasanudin 81 |
+-----+
2 rows in set (0.001 sec)

MariaDB [perbankan]>

```

## Nomer 6

Soal: menampilkan nama nasabah berawalan “park” dengan jenis transaksi “kredit”.

[illegible]



```

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah, nama_cabang FROM nasabah, transaksi, cabang_bank
-> WHERE jenis_transaksi LIKE "debit" AND nama_nasabah LIKE "kim%" AND jumlah<50000
-> ORDER BY nama_nasabah, jumlah;

```

nama_nasabah	jenis_transaksi	jumlah	nama_cabang
Kim Yo han	debit	20000	Bank Rut Unit Boyolali
Kim Yo han	debit	20000	Bank Rut Unit Boyolali
Kim Yo han	debit	20000	Bank Rut Unit Sukoharjo
Kim Yo han	debit	20000	Bank Rut Unit Sukoharjo
Kim Yo han	debit	20000	Bank Rut Unit Karanganyar
Kim Yo han	debit	20000	Bank Rut Unit Karanganyar
Kim Yo han	debit	20000	Bank Rut Unit Wonogiri
Kim Yo han	debit	20000	Bank Rut Unit Wonogiri
Kim Yo han	debit	20000	Bank Rut Unit Surakarta
Kim Yo han	debit	20000	Bank Rut Unit Surakarta
Kim Yo han	debit	20000	Bank Rut Unit Kudus
Kim Yo han	debit	20000	Bank Rut Unit Kudus
Kim Yo han	debit	20000	Bank Rut Unit Tegal
Kim Yo han	debit	20000	Bank Rut Unit Tegal
Kim Yo han	debit	20000	Bank Rut Unit Rembang
Kim Yo han	debit	20000	Bank Rut Unit Rembang
Kim Yo han	debit	20000	Bank Rut Unit Klaten
Kim Yo han	debit	20000	Bank Rut Unit Klaten
Kim Yo han	debit	20000	Bank Rut Unit Sragen
Kim Yo han	debit	20000	Bank Rut Unit Sragen
Kim Yo han	debit	20000	Bank Rut Unit Purwokerto
Kim Yo han	debit	20000	Bank Rut Unit Purwokerto
Kim Yo han	debit	20000	Bank Rut Unit Yogyakarta
Kim Yo han	debit	20000	Bank Rut Unit Yogyakarta
Kim Yo han	debit	20000	Bank Rut Unit Jepara
Kim Yo han	debit	20000	Bank Rut Unit Jepara
Kim Yo han	debit	20000	Bank Rut Unit Semarang
Kim Yo han	debit	20000	Bank Rut Unit Semarang
Kim Yo han	debit	20000	Bank Rut Unit Pati
Kim Yo han	debit	20000	Bank Rut Unit Pati
Kim Yo han	debit	20000	Bank Rut Unit Wonosobo
Kim Yo han	debit	20000	Bank Rut Unit Wonosobo
Kim Yo han	debit	40000	Bank Rut Unit Rembang
Kim Yo han	debit	40000	Bank Rut Unit Rembang
Kim Yo han	debit	40000	Bank Rut Unit Klaten
Kim Yo han	debit	40000	Bank Rut Unit Klaten
Kim Yo han	debit	40000	Bank Rut Unit Sragen
Kim Yo han	debit	40000	Bank Rut Unit Sragen
Kim Yo han	debit	40000	Bank Rut Unit Purwokerto
Kim Yo han	debit	40000	Bank Rut Unit Purwokerto
Kim Yo han	debit	40000	Bank Rut Unit Yogyakarta
Kim Yo han	debit	40000	Bank Rut Unit Rembang
Kim Yo han	debit	40000	Bank Rut Unit Klaten
Kim Yo han	debit	40000	Bank Rut Unit Klaten
Kim Yo han	debit	40000	Bank Rut Unit Sragen
Kim Yo han	debit	40000	Bank Rut Unit Sragen
Kim Yo han	debit	40000	Bank Rut Unit Purwokerto
Kim Yo han	debit	40000	Bank Rut Unit Purwokerto
Kim Yo han	debit	40000	Bank Rut Unit Yogyakarta
Kim Yo han	debit	40000	Bank Rut Unit Yogyakarta
Kim Yo han	debit	40000	Bank Rut Unit Jepara
Kim Yo han	debit	40000	Bank Rut Unit Jepara
Kim Yo han	debit	40000	Bank Rut Unit Semarang
Kim Yo han	debit	40000	Bank Rut Unit Semarang
Kim Yo han	debit	40000	Bank Rut Unit Pati
Kim Yo han	debit	40000	Bank Rut Unit Pati
Kim Yo han	debit	40000	Bank Rut Unit Wonosobo
Kim Yo han	debit	40000	Bank Rut Unit Wonosobo
Kim Yo han	debit	40000	Bank Rut Unit Boyolali
Kim Yo han	debit	40000	Bank Rut Unit Boyolali
Kim Yo han	debit	40000	Bank Rut Unit Sukoharjo
Kim Yo han	debit	40000	Bank Rut Unit Sukoharjo
Kim Yo han	debit	40000	Bank Rut Unit Karanganyar
Kim Yo han	debit	40000	Bank Rut Unit Karanganyar
Kim Yo han	debit	40000	Bank Rut Unit Wonogiri
Kim Yo han	debit	40000	Bank Rut Unit Wonogiri
Kim Yo han	debit	40000	Bank Rut Unit Surakarta
Kim Yo han	debit	40000	Bank Rut Unit Surakarta
Kim Yo han	debit	40000	Bank Rut Unit Kudus
Kim Yo han	debit	40000	Bank Rut Unit Kudus
Kim Yo han	debit	40000	Bank Rut Unit Tegal
Kim Yo han	debit	40000	Bank Rut Unit Tegal

```

64 rows in set (0.002 sec)

```

## Nomer 8

Soal: menampilkan 15 nama nasabah, nama cabang, berdasarkan urutan nama nasabah, dengan ketentuan setelah urutan ke 5.

```
MariaDB [perbankan]> SELECT nama_nasabah, nama_cabang FROM nasabah, cabang_bank ORDER BY nama_nasabah LIMIT 15 OFFSET 5;
```

nama_nasabah	nama_cabang
Ahn Hyo Seop	Bank Rut Unit Sragen
Ahn Hyo Seop	Bank Rut Unit Klaten
Ahn Hyo Seop	Bank Rut Unit Sukoharjo
Ahn Hyo Seop	Bank Rut Unit Boyolali
Ahn Hyo Seop	Bank Rut Unit Rembang
Ahn Hyo Seop	Bank Rut Unit Wonosobo
Ahn Hyo Seop	Bank Rut Unit Pati
Ahn Hyo Seop	Bank Rut Unit Tegal
Ahn Hyo Seop	Bank Rut Unit Kudus
Ahn Hyo Seop	Bank Rut Unit Semarang
Ahn Hyo Seop	Bank Rut Unit Jepara
Budi Eko Prayogo	Bank Rut Unit Surakarta
Budi Eko Prayogo	Bank Rut Unit Yogyakarta
Budi Eko Prayogo	Bank Rut Unit Purwokerto
Budi Eko Prayogo	Bank Rut Unit Wonogiri

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

## Nomer 9

Soal: menampilkan nama nasabah berawalan “park” dan id nasabah yang bersifat NULL.

```
MariaDB [perbankan]> SELECT nama_nasabah, id_nasabah FROM nasabah WHERE id_nasabah IS NULL AND nama_nasabah LIKE "Park%";
Empty set (0.001 sec)
```

## Nomer 10

Soal: menampilkan 3 nama nasabah berawalan S ,id nasabah dan nomer transaksi, dengan ketentuan setelah data urutan pertama yang nomer transaksinya bersifat NULL.

```
MariaDB [perbankan]> SELECT nama_nasabah, id_nasabah, no_transaksi FROM nasabah, transaksi WHERE no_transaksi IS NULL AND nama_nasabah LIKE "S%" ORDER BY id_nasabah LIMIT 2 OFFSET 1 ;
Empty set (0.001 sec)
```

## Contoh jika mencari NOT NULL

```
MariaDB [perbankan]> SELECT nama_nasabah, id_nasabah, no_transaksi FROM nasabah, transaksi WHERE no_transaksi IS NOT NULL AND nama_nasabah LIKE "S%" ORDER BY id_nasabah LIMIT 2 OFFSET 1 ;
```

nama_nasabah	id_nasabah	no_transaksi
Sutopo	1	13
Sutopo	1	21