

Danang Ady Saputro Widodo
L200180205/G
Tugas Modul 6

Nomer 1

```
C:\xampp\mysql\bin>echo "KHUMAILA MASFARINA YUSRIFA L200180198"
"KHUMAILA MASFARINA YUSRIFA L200180198"

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
Suparman	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 23:08:57 | 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

```
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE jumlah LIKE 20000;
```

nama_nasabah	jenis_transaksi	jumlah
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 Muntono	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 Muntono	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
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 Muntono	kredit	20000
Khumaila Yusrifa	kredit	20000
Ahn Hyo Seop	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 | 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”.

```
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi FROM nasabah, transaksi WHERE jenis_transaksi LIKE "kredit" AND nama_nasabah LIKE "Park%";
```

[illegible]

```
+-----+
48 rows in set (0.036 sec)
```

Nomer 7

Soal: menampilkan nama,jenis transaksi, jumlah, nama cabang, dimana jenis transaksi adalah “debit”, dengan nama awalan “kim”, dan jumlah transaksi kurang dari Rp. 50.000,00 serta diurutkan berdasarkan nama dan jumlah.


```

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 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