

Nama : Yudha Gana Prasetyo Wibowo

Nim : L200180150

Kelas : F

Latihan

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
ERROR 1054 (42S22): Unknown column 'jenis_transaksi' in 'field list'
MariaDB [perbankan]> SELECT nama_cabang, alamat_cabang FROM cabang_bank ORDER BY nama_cabang;
+-----+-----+
| nama_cabang | alamat_cabang |
+-----+-----+
| Bank Rut Unit Ambon | Jl. Uluwamba 123 |
| Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| Bank Rut Unit Cirebon | Jl. Rakayana 01 |
| Bank Rut Unit Denpasar | Jl. Ngurah Rai 125 |
| Bank Rut Unit Gajayama | Jl. Dendil 1 |
| Bank Rut Unit Honolulu | Jl. Gagak 221 |
| Bank Rut Unit Italia | Jl. Piere 35 |
| Bank Rut Unit Klaten | Jl. Suparman 23 |
| Bank Rut Unit Lampung | Jl. Merdeka 112 |
| Bank Rut Unit Mataram | Jl. Kapitan 12 |
| Bank Rut Unit Natuna | Jl. Adi Merdeka 74 |
| Bank Rut Unit Palembang | Jl. Pempek 153 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jl. Untung Surapati 12 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+
15 rows in set (0.005 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo, FROM rekening ORDER BY saldo DESC;
ERROR 1054 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'FROM rekening ORDER BY saldo DESC' at line 1
MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 122 | 1120 | 24143333 |
| 116 | 1114 | 70000000 |
| 120 | 1118 | 64000000 |
| 108 | 0000 | 50000000 |
| 106 | 6666 | 30000000 |
| 119 | 1117 | 25000000 |
| 123 | 1121 | 23000000 |
| 105 | 5555 | 20000000 |
| 107 | 7777 | 10000000 |
| 104 | 4444 | 9000000 |
| 118 | 1116 | 8000000 |
| 103 | 3333 | 7500000 |
| 114 | 1112 | 7000000 |
| 110 | 1234 | 5000000 |
| 101 | 1111 | 5000000 |
| 115 | 1113 | 4500000 |
| 117 | 1115 | 4200000 |
| 102 | 2222 | 3500000 |
| 121 | 1119 | 3250000 |
| 112 | 0123 | 3000000 |
| 117 | 0000 | 2500000 |
| 111 | 4321 | 1500000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
23 rows in set (0.005 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Arissa Susanti | Jl. Gatotkaca 145 |
| Bobi Kodrat | Jl. Kedondong 143 |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi kusunandar | Jl. Pattimura 113 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokananta | Jl. Tidar 86 |
| Joji Harjanto | Jl. Nanas 1 |
| Kartika Padmasari | Jl. Manggis 15 |
| Maryati | Jl. MT. Haryono 31 |
| Nancy Tureno | Jl. Melon 122 |
| Prengki Kusnandar | Jl. Aramaya 12 |
| Randi Susanto | Jl. Merpati 23 |
| Rico Jumadi | Jl. Janaka 14 |
| Rudi Haryanto | Jl. Anggrek 11 |
| Sari Murti | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Suparman | Jl. Hasanudin 81 |
| Susilo Subandono | Jl. Merpati 2 |
| Sutopo | Jl. Jendral Sudirman 12 |
+-----+-----+
19 rows in set (0.000 sec)
```

Tugas

Nomer 1

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Arissa Susanti | Jl. Gatotkaca 145 |
| Bobi Kodrat | Jl. Kedondong 143 |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi kusunandar | Jl. Pattimura 113 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokananta | Jl. Tidar 86 |
| Joji Harjanto | Jl. Nanas 1 |
| Kartika Padmasari | Jl. Manggis 15 |
| Maryati | Jl. MT. Haryono 31 |
| Nancy Tureno | Jl. Melon 122 |
| Prengki Kusnandar | Jl. Aramaya 12 |
| Randi Susanto | Jl. Merpati 23 |
| Rico Jumadi | Jl. Janaka 14 |
| Rudi Haryanto | Jl. Anggrek 11 |
| Sari Murti | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Suparman | Jl. Hasanudin 81 |
| Susilo Subandono | Jl. Merpati 2 |
| Sutopo | Jl. Jendral Sudirman 12 |
+-----+-----+
19 rows in set (0.000 sec)
```

Nomer 2

```
Administrator C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE jenis_transaksi='kredit';
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 20000  |
| kredit          | 30000  |
| kredit          | 200000 |
| kredit          | 150000 |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 20000  |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 45000  |
| kredit          | 53000  |
| kredit          | 51000  |
| kredit          | 53000  |
| kredit          | 75000  |
| kredit          | 36000  |
| kredit          | 35000  |
+-----+-----+
20 rows in set (0.005 sec)
```

Nomer 3

```
Administrator C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal='2009-11-21' ORDER BY jumlah;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 35000  |
| debit          | 40000  |
+-----+-----+
2 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Nomer 4

```
Administrator C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE jumlah=20000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Sutopo       | kredit          | 20000  |
| Haryati      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
| Kartika Padmasari | kredit          | 20000  |
| Budi Eko Prayogo | kredit          | 20000  |
| Satria Eko Jaya | kredit          | 20000  |
| Sari Murti   | kredit          | 20000  |
| Canka Lokananta | kredit          | 20000  |
| Budi Murtomo | kredit          | 20000  |
| Rudi Haryanto | kredit          | 20000  |
| Robi Kodrat  | kredit          | 20000  |
| Prengki Kusnandar | kredit          | 20000  |
| Toji Harjanto | kredit          | 20000  |
| Rendi Susanto | kredit          | 20000  |
| Susilo Subandono | kredit          | 20000  |
| Nancy Tureno  | kredit          | 20000  |
| Arissa Susanti | kredit          | 20000  |
| Rico Jumadi  | kredit          | 20000  |
| Rudi Kusnandar | kredit          | 20000  |
| Sutopo       | debit          | 20000  |
| Haryati      | debit          | 20000  |
| Suparman     | debit          | 20000  |
| Kartika Padmasari | debit          | 20000  |
| Budi Eko Prayogo | debit          | 20000  |
| Satria Eko Jaya | debit          | 20000  |
| Sari Murti   | debit          | 20000  |
| Canka Lokananta | debit          | 20000  |
| Budi Murtomo | debit          | 20000  |
| Rudi Haryanto | debit          | 20000  |
| Robi Kodrat  | debit          | 20000  |
| Prengki Kusnandar | debit          | 20000  |
| Toji Harjanto | debit          | 20000  |
| Rendi Susanto | debit          | 20000  |
| Susilo Subandono | debit          | 20000  |
| Nancy Tureno  | debit          | 20000  |
| Arissa Susanti | debit          | 20000  |
| Rico Jumadi  | debit          | 20000  |
| Rudi Kusnandar | debit          | 20000  |
| Sutopo       | kredit          | 20000  |
| Haryati      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
| Kartika Padmasari | kredit          | 20000  |
| Budi Eko Prayogo | kredit          | 20000  |
| Satria Eko Jaya | kredit          | 20000  |
| Sari Murti   | kredit          | 20000  |
| Canka Lokananta | kredit          | 20000  |
| Budi Murtomo | kredit          | 20000  |
| Rudi Haryanto | kredit          | 20000  |
| Robi Kodrat  | kredit          | 20000  |
| Prengki Kusnandar | kredit          | 20000  |
| Toji Harjanto | kredit          | 20000  |
| Rendi Susanto | kredit          | 20000  |
| Susilo Subandono | kredit          | 20000  |
| Nancy Tureno  | kredit          | 20000  |
| Arissa Susanti | kredit          | 20000  |
| Rico Jumadi  | kredit          | 20000  |
| Rudi Kusnandar | kredit          | 20000  |
| Sutopo       | debit          | 20000  |
| Haryati      | debit          | 20000  |
| Suparman     | debit          | 20000  |
```

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
Arissa Susanti      debit      20000
Rico Jumadi         debit      20000
Budi kusunandar     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 Hartono        kredit     20000
Rudi Haryanto       kredit     20000
Bobi Kodrat         kredit     20000
Prengki Kusnandar   kredit     20000
Joji Harjanto       kredit     20000
Randi Susanto       kredit     20000
Susilo Subandono    kredit     20000
Nancy Tureno        kredit     20000
Arissa Susanti      kredit     20000
Rico Jumadi         kredit     20000
Budi kusunandar     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 Hartono        debit      20000
Rudi Haryanto       debit      20000
Bobi Kodrat         debit      20000
Prengki Kusnandar   debit      20000
Joji Harjanto       debit      20000
Randi Susanto       debit      20000
Susilo Subandono    debit      20000
Nancy Tureno        debit      20000
Arissa Susanti      debit      20000
Rico Jumadi         debit      20000
Budi kusunandar     debit      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 Hartono        debit      20000
Rudi Haryanto       debit      20000
Bobi Kodrat         debit      20000
Prengki Kusnandar   debit      20000
Joji Harjanto       debit      20000
Randi Susanto       debit      20000
Susilo Subandono    debit      20000
Nancy Tureno        debit      20000
Arissa Susanti      debit      20000
Rico Jumadi         debit      20000
Budi kusunandar     debit      20000
-----
95 rows in set (0.004 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%';
```

Nomer 5

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81 |
| Susilo Subandono | Jl. Merpati 2 |
+-----+-----+
3 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Nomer 6

Tampilkan nama nasabah dan alamat nasabah yang dimana memiliki awalan nama “Su” atau berakhiran nama “in”

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%' OR nama_nasabah LIKE '%in';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81 |
| Susilo Subandono | Jl. Merpati 2 |
+-----+-----+
3 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Nomer 7

Tampilkan nama nasabah dan alamat nasabah yang dimana memiliki awalan nama “Su” atau berakhiran nama “in” atau beralamat dengan nama “kantil”

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%' OR nama_nasabah LIKE '%in' OR alamat_nasabah LIKE '%Kantil';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81       |
| Susilo Subandono | Jl. Merpati 2         |
+-----+-----+
3 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Nomer 8

Tampilkan id nasabah, nama nasabah, alamat nasabah diurutkan dengan id nasabah dan menampilkan 5 daftar setelah baris kedua

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
3 rows in set (0.000 sec)

MariaDB [perbankan]> SELECT id_nasabah, nama_nasabah, alamat_nasabah FROM nasabah ORDER BY id_nasabah LIMIT 5 OFFSET 2;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 3          | Suparman     | Jl. Hasanudin 81 |
| 4          | Kartika Padmasari | Jl. Manggis 15  |
| 5          | Budi Eko Prayogo | Jl. Kantil 30   |
| 6          | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8          | Sari Murti    | Jl. Pangandaran 11 |
+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Nomer 9

Tampilkan no rekening yang memiliki pin dengan angka 1 dan 2 dan saldo tidak NULL

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
Empty set (0.282 sec)

MariaDB [perbankan]> SELECT no_rekening FROM rekening WHERE pin LIKE '%1%' AND pin LIKE '%2%' AND saldo IS NOT NULL;
+-----+
| no_rekening |
+-----+
| 110         |
| 111         |
| 112         |
| 114         |
| 122         |
| 123         |
+-----+
6 rows in set (0.000 sec)
```

Nomer 10

Tampilkan no rekening yang memiliki pin dengan angka 1 dan 2 dan saldo tidak NULL, diurutkan berdasarkan no rekening yang menampilkan 3 saja dan setelah melewati baris 2

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT no_rekening FROM rekening WHERE pin LIKE '%1%' AND pin LIKE '%2%' AND saldo IS NOT NULL ORDER BY no_rekening LIMIT 3 OFFSET 2;
+-----+
| no_rekening |
+-----+
| 112         |
| 114         |
| 122         |
+-----+
3 rows in set (0.000 sec)

MariaDB [perbankan]>
```