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Langkah Praktikum

```
Konsole File Edit View Bookmarks Settings Help me:mysql --- Konsole
me@me:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 6
Server version: 5.7.29-0ubuntu0.18.04.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or 'h' for help. Type 'c' to clear the current input statement.

mysql> use perbankan
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT nama_cabang, alamat_cabang FROM cabang_bank ORDER BY nama_cabang;
+-----+-----+
| nama_cabang | alamat_cabang |
+-----+-----+
| Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| Bank Rut Unit Cianjur | Jl. Ahmad Yani 45 |
| Bank Rut Unit Cianjur | Jl. Ahmad Yani 45 |
| Bank Rut Unit Jakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Jakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Klaten | Jl. Suparman 23 |
| Bank Rut Unit Magelang | Jl. P. Tendelan 63 |
| Bank Rut Unit Palembang | Jl. Anggrek |
| Bank Rut Unit Palembang | Jl. Anggrek |
| Bank Rut Unit Surabaya | Jl. Suparman 23 |
| Bank Rut Unit Surabaya | Jl. Suparman 23 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Tangerang | Jl. P. Tendelan 63 |
| Bank Rut Unit Tangerang | Jl. P. Tendelan 63 |
| Bank Rut Unit Wonogiri | Jl. Untuk Suropati 12 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek |
+-----+-----+
16 rows in set (0.00 sec)

mysql> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 121 | 0 | 5000000 |
| 108 | 0 | 5000000 |
| 119 | 6666 | 3500000 |
| 106 | 6666 | 3000000 |
| 123 | 8888 | 2565000 |
| 118 | 5555 | 2400000 |
| 105 | 5555 | 2000000 |
| 120 | 7777 | 1000000 |
| 107 | 7777 | 1000000 |
| 117 | 4444 | 950000 |
| 104 | 4444 | 900000 |
| 116 | 3333 | 700000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 114 | 1111 | 530000 |
| 101 | 1111 | 500000 |
| 122 | 123 | 370000 |
| 102 | 2222 | 350000 |
| 115 | 2222 | 340000 |
| 112 | 123 | 300000 |
| 113 | 8888 | 255000 |
| 111 | 4321 | 150000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
23 rows in set (0.00 sec)

mysql>
```

```
Konsole File Edit View Bookmarks Settings Help me:mysql --- Konsole
Bank Rut Unit Jakarta | Jl. Slamet Riyadi 18 |
Bank Rut Unit Klaten | Jl. Suparman 23 |
Bank Rut Unit Magelang | Jl. P. Tendelan 63 |
Bank Rut Unit Palembang | Jl. Anggrek |
Bank Rut Unit Palembang | Jl. Anggrek |
Bank Rut Unit Surabaya | Jl. Suparman 23 |
Bank Rut Unit Surabaya | Jl. Suparman 23 |
Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
Bank Rut Unit Tangerang | Jl. P. Tendelan 63 |
Bank Rut Unit Tangerang | Jl. P. Tendelan 63 |
Bank Rut Unit Wonogiri | Jl. Untuk Suropati 12 |
Bank Rut Unit Yogyakarta | Jl. Anggrek |
+-----+-----+
16 rows in set (0.00 sec)

mysql> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 121 | 0 | 5000000 |
| 108 | 0 | 5000000 |
| 119 | 6666 | 3500000 |
| 106 | 6666 | 3000000 |
| 123 | 8888 | 2565000 |
| 118 | 5555 | 2400000 |
| 105 | 5555 | 2000000 |
| 120 | 7777 | 1000000 |
| 107 | 7777 | 1000000 |
| 117 | 4444 | 950000 |
| 104 | 4444 | 900000 |
| 116 | 3333 | 700000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 114 | 1111 | 530000 |
| 101 | 1111 | 500000 |
| 122 | 123 | 370000 |
| 102 | 2222 | 350000 |
| 115 | 2222 | 340000 |
| 112 | 123 | 300000 |
| 113 | 8888 | 255000 |
| 111 | 4321 | 150000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
23 rows in set (0.00 sec)

mysql>
```

Tugas :

1.

```
Konsol File Edit View Bookmarks Settings Help me: mysql — Konsol
107 | 7777 | 1000000 |
117 | 4444 | 900000 |
104 | 4444 | 900000 |
116 | 3333 | 700000 |
103 | 3333 | 750000 |
110 | 1234 | 550000 |
114 | 1111 | 530000 |
101 | 1111 | 500000 |
122 | 123 | 370000 |
102 | 2222 | 350000 |
115 | 2222 | 340000 |
112 | 123 | 300000 |
113 | 8888 | 255000 |
111 | 4321 | 150000 |
109 | 9999 | 0 |
-----
23 rows in set (0.00 sec)

mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah ASC;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| asan         | Jl. Hasanudin 81 |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokanata | Jl. Tidar 86 |
| Indri Hapsari | Jalan Slamet Riyadi No. 34 |
| ini adik budi | Jl. Pangandara 11 |
| tni bapak budi | Jl. Slamet Riyadi 45 |
| ini budi      | Jl. Kantil 30 |
| tni ibu budi  | Jl. Sutoyo 5 |
| tni kakak budi | Jl. Tidar 86 |
| tni paman budi | Jl. Merak 22 |
| Kartika Padmasari | Jl. Manggis 15 |
| naman        | Jl. Jendral Sudirman 12 |
| Maryati      | MT. Haryono 31 |
| Sari Murti    | Jl. Pangandara 11 |
| Satrta Eka Jaya | Jl. Slamet Riyadi 45 |
| Suparnan     | Jl. Hasanudin 81 |
| Sutopo       | Jl. Jendral Sudirman 12 |
| udin         | MT. Haryono 31 |
| udin petoy    | Jl. Manggis 15 |
+-----+-----+
20 rows in set (0.00 sec)

mysql>
```

2 dan 3

```
Konsol File Edit View Bookmarks Settings Help me: mysql — Konsol
Sutopo | Jl. Jendral Sudirman 12 |
udin   | MT. Haryono 31 |
udin petoy | Jl. Manggis 15 |
-----
20 rows in set (0.00 sec)

mysql> SELECT jenis_transaksi, jumlah WHERE jenis_transaksi = "kredit" FROM transaksi ORDER BY jenis_transaksi ASC;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE jenis_transaksi = "kredit" FROM transaksi ORDER BY jenis_transaksi ASC' at line 1
mysql> SELECT jenis_transaksi, jumlah FROM transaksi WHERE jenis_transaksi = "kredit" ORDER BY jenis_transaksi ASC;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 20000 |
| kredit          | 30000 |
| kredit          | 200000 |
| kredit          | 150000 |
| kredit          | 100000 |
| kredit          | 40000 |
| kredit          | 20000 |
| kredit          | 50000 |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 20000 |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 20000 |
| kredit          | 30000 |
| kredit          | 150000 |
| kredit          | 40000 |
| kredit          | 50000 |
| kredit          | 200000 |
| kredit          | 20000 |
| kredit          | 100000 |
+-----+-----+
21 rows in set (0.00 sec)

mysql> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal = "2009-11-21" ORDER BY jumlah ASC;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 20000 |
+-----+-----+
1 row in set (0.00 sec)

mysql>
```

4 dan 5

No 6 : menampilkan nama nasabah, jenis transaksi, dan jumlah transaksi dengan di sortir jumlah transaksi = 20000 dan diurutkan sesuai nama nasabah

```
mysql> SELECT transaksi.jenis_transaksi, transaksi.jumlah, nasabah.nama_nasabah FROM transaksi, nasabah WHERE jumlah = 20000 AND transaksi.id_nasabah = nasabah.id_nasabah ORDER BY jumlah ASC;
```

jenis_transaksi	jumlah	nama_nasabah
kredit	20000	Kartika Padmasari
debit	20000	Budi Eko Prayogo
kredit	20000	Supatno
kredit	20000	Suparman
debit	20000	Indri Hapsari
kredit	20000	Kartika Padmasari
debit	20000	Budi Eko Prayogo
kredit	20000	Suparman
debit	20000	Indri Hapsari

9 rows in set (0.02 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah = "su" ORDER BY nama_nasabah ASC;
```

Empty set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE "su" ORDER BY nama_nasabah ASC;
```

Empty set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'su%' ORDER BY nama_nasabah ASC;
```

nama_nasabah	alamat_nasabah
Suparman	Jl. Hasanudin 81
Supatno	Jl. Jendral Sudirman 12

2 rows in set (0.00 sec)

```
mysql> SELECT nasabah.nama_nasabah, transaksi.jenis_transaksi, transaksi.jumlah FROM transaksi, nasabah WHERE jumlah = 20000 AND transaksi.id_nasabah = nasabah.id_nasabah ORDER BY nama_nasabah ASC;
```

nama_nasabah	jenis_transaksi	jumlah
Budi Eko Prayogo	debit	20000
Budi Eko Prayogo	debit	20000
Indri Hapsari	debit	20000
Indri Hapsari	debit	20000
Kartika Padmasari	kredit	20000
Kartika Padmasari	kredit	20000
Suparman	kredit	20000
Suparman	kredit	20000
Supatno	kredit	20000

No 7 : menampilkan nama nasabah, jenis transaksi, dan jumlah transaksi dengan di sortir jumlah transaksi = 20000, jenis transaksi = kredit dan diurutkan sesuai nama nasabah

No 8 : menampilkan nama nasabah dan alamat nasabah dengan limit 3 data, offset 1 dan diurutkan dari nama nasabah

No 9 : menampilkan nama nasabah dan alamat nasabah dengan pencarian kata su atau null

No 10 : menampilkan nama nasabah dan alamat nasabah dengan limit 1 data, offset 1 dan pencarian kata su atau null

```
mysql> SELECT nasabah.nama_nasabah, transaksi.jenis_transaksi, transaksi.jumlah FROM transaksi, nasabah WHERE jumlah = 20000 AND transaksi.id_nasabah = nasabah.id_nasabah AND jenis_transaksi = 'kredit' ORDER BY nama_nasabah ASC;
```

nama_nasabah	jenis_transaksi	jumlah
Kartika Padmasari	kredit	20000
Kartika Padmasari	kredit	20000
Suparman	kredit	20000
Suparman	kredit	20000
Supatno	kredit	20000

5 rows in set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah LIMIT 3 OFFSET 1 ORDER BY nama_nasabah ASC;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ORDER BY nama_nasabah ASC' at line 1

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah LIMIT 3 OFFSET 1 ORDER BY nama_nasabah;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ORDER BY nama_nasabah' at line 1

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah LIMIT 3 OFFSET 1;
```

nama_nasabah	alamat_nasabah
Budi Eko Prayogo	Jl. Kantil 30
Budi Murtono	Jl. Merak 22
Canka Lokanata	Jl. Tidar 86

3 rows in set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'su%' AND alamat_nasabah = NULL ORDER BY nama_nasabah ASC;
```

Empty set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'su%' OR alamat_nasabah = NULL ORDER BY nama_nasabah ASC;
```

nama_nasabah	alamat_nasabah
Suparman	Jl. Hasanudin 81
Supatno	Jl. Jendral Sudirman 12

2 rows in set (0.00 sec)

```
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'su%' OR alamat_nasabah = NULL ORDER BY nama_nasabah LIMIT 1 OFFSET 1;
```

nama_nasabah	alamat_nasabah
Supatno	Jl. Jendral Sudirman 12

1 row in set (0.00 sec)