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Modul 6

```
C:\Windows\system32\cmd.exe - mysql -u root -p

E:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.1.38-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_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 Klaten | Jl. Suparman 23 |
| Bank Rut Unit Magelang | Jl. P. Tandean 63 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jl. Untung Suropati 12 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+
6 rows in set (0.14 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 8888 | 5000000 |
| 106 | 6666 | 3000000 |
| 113 | 8888 | 2550000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 0123 | 300000 |
| 111 | 4321 | 150000 |
| 109 | 9999 | 0 |
+-----+-----+-----+

C:\Windows\system32\cmd.exe - mysql -u root -p
nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah' at line 1
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokananta | Jl. Tidar 86 |
| Indri Hapsari | Jl. Sutoyo 5 |
| Kartika Padmasari | Jl. Manggis 15 |
| Maryati | Jl. MT. Haryono 31 |
| Sari Murti | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Suparman | Jl. Hasanudin 81 |
| Sutopo | Jl. Jendral Sudirman 12 |
+-----+-----+
10 rows in set (0.04 sec)

MariaDB [perbankan]>
```

```
C:\Windows\system32\cmd.exe - mysql -u root -p

E:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 68
Server version: 10.1.38-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 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          | 20000  |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 200000 |
| kredit          | 20000  |
| kredit          | 30000  |
| kredit          | 200000 |
| kredit          | 150000 |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 20000  |
| kredit          | 50000  |
+-----+-----+
22 rows in set (0.00 sec)

MariaDB [perbankan]>

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 |
+-----+-----+
| debit          | 40000  |
+-----+-----+
1 row in set (0.00 sec)

MariaDB [perbankan]>
```

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
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 Lokanata	kredit	20000
Budi Murtono	kredit	20000
Herman	kredit	20000
Toddy	kredit	20000
Qodirkun	kredit	20000
Juned Saputra	kredit	20000
Dante	kredit	20000
Rahmat	kredit	20000
Sidragon	kredit	20000
David	kredit	20000
Johny	kredit	20000
Tia	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 Lokanata	debit	20000
Budi Murtono	debit	20000
Herman	debit	20000
Toddy	debit	20000
Qodirkun	debit	20000
Juned Saputra	debit	20000
Dante	debit	20000
Rahmat	debit	20000
Sidragon	debit	20000
David	debit	20000
Johny	debit	20000
Tia	debit	20000
Sutopo	kredit	20000

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

2 rows in set (0.00 sec)

MariaDB [perbankan]>

```
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 '%an';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81 |
| Herman       | Jl. Cempaka 12 |
+-----+-----+
3 rows in set (0.00 sec)

MariaDB [perbankan]>
```

```
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 '%an' OR alamat_nasabah LIKE '%kantil';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81 |
| Herman       | Jl. Cempaka 12 |
+-----+-----+
3 rows in set (0.00 sec)

MariaDB [perbankan]>
```

C:\Windows\system32\cmd.exe - mysql -u root -p

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 (0.00 sec)

MariaDB [perbankan]>

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;

no_rekening
110
111
112
114
122
123

6 rows in set (0.00 sec)

MariaDB [perbankan]>

```
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 (0.00 sec)

MariaDB [perbankan]>
```

TUGAS TAMBAHAN

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah FROM nasabah WHERE nama_nasabah LIKE '%su%';
+-----+
| nama_nasabah |
+-----+
| Sutopo       |
| Superman     |
+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]> _

C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah FROM nasabah, rekening, nasabah_has_rekening WHERE kode_cabangFK = 'BRUS' AND rekening.no_rekening = nasabah_has_rekening.no_rekeningFK AND nasabah_has_rekening.id_nasabahFK = nasabah.id_nasabah;
+-----+
| nama_nasabah |
+-----+
| Maryati      |
| Superman     |
| Kartika Padmasari |
| Kartika Padmasari |
| Budi Eko Prayogo |
| Budi Eko Prayogo |
| Sidragon     |
+-----+
7 rows in set (0.16 sec)

MariaDB [perbankan]> _
```



```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT jenis_transaksi FROM transaksi, rekening, nasabah_has_rekening WHERE kode_cabangFK in ('BRUS', 'BRUB')
-> AND transaksi.no_rekeningFK = nasabah_has_rekening.no_rekeningFK AND nasabah_has_rekening.no_rekeningFK = rekening.no_rekening;
+-----+
| jenis_transaksi |
+-----+
| debit           |
| kredit          |
| debit           |
| kredit          |
| kredit          |
| debit           |
| debit           |
| debit           |
| kredit          |
| kredit          |
| debit           |
| debit           |
| kredit          |
| kredit          |
| debit           |
| kredit          |
| debit           |
| kredit          |
| kredit          |
| debit           |
| debit           |
| kredit          |
| kredit          |
+-----+
24 rows in set (0.00 sec)

MariaDB [perbankan]>
```