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Kegiatan

```

C:\Users\ASUS>cd C:\xampp\mysql\bin
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 8
Server version: 10.4.11-MariaDB mariadb.org binary distribution

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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.Tendean 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 (0.327 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 0000 | 5000000 |
| 106 | 6666 | 3000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 0123 | 300000 |
| 113 | 8888 | 255000 |
+-----+-----+-----+
10 rows in set (0.021 sec)

```

Tugas

Nomer 1

```

MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah order by nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Budi Eko Prayoga | Jl.Kantil 30 |
| Budi Murtono | Jl.Merak 22 |
| Ganka Lokananta | Jl.Tidar 06 |
| Indri Hapsari | Jl.Slamet Riyadi 34 |
| Kartika Padmasari | Jl.Manggis 15 |
| Maryani | Jl.MT.Haryono 31 |
| Sani Murti | Jl.Pangandaran 11 |
| Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| Suparman | Jl.Hasanudin 81 |
| Sutopo | Jl.Jendral Sudirman 12 |
+-----+-----+
10 rows in set (0.021 sec)

```

Nomer 2

```

MariaDB [perbankan]> select jenis_transaksi, jumlah from transaksi where jenis_transaksi = 'kredit';
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit | 20000 |
| kredit | 20000 |
| kredit | 30000 |
| kredit | 200000 |
| kredit | 150000 |
| kredit | 50000 |
| kredit | 20000 |
| kredit | 100000 |
| kredit | 20000 |
| kredit | 50000 |
| kredit | 200000 |
| kredit | 100000 |
| kredit | 100000 |
| kredit | 200000 |
+-----+-----+
14 rows in set (0.276 sec)

```

Nomer 3

```
14 rows in set (0.276 sec)

MariaDB [perbankan]> select jenis_transaksi, jumlah from transaksi where tanggal = '2009-11-21' order by jumlah;
Empty set (0.046 sec)

MariaDB [perbankan]> select nama_nasabah, jenis_transaksi, jumlah from nasabah, transaksi where jumlah = 20000;
```

Nomer 4

```
Empty set (0.046 sec)

MariaDB [perbankan]> select nama_nasabah, jenis_transaksi, jumlah from nasabah, transaksi where jumlah = 20000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Sutopo       | kredit          | 20000  |
| Maryari      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
| Kartika Padmasari | kredit        | 20000  |
| Budi Eko Prayoga | kredit        | 20000  |
| Satria Eka Jaya | kredit        | 20000  |
| Indri Hapsari | kredit          | 20000  |
| Sari Murti   | kredit          | 20000  |
| Canka Lokananta | kredit          | 20000  |
| Budi Murtono | kredit          | 20000  |
| Sutopo       | kredit          | 20000  |
| Maryari      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
| Kartika Padmasari | kredit        | 20000  |
| Budi Eko Prayoga | kredit        | 20000  |
| Satria Eka Jaya | kredit        | 20000  |
| Indri Hapsari | kredit          | 20000  |
| Sari Murti   | kredit          | 20000  |
| Canka Lokananta | kredit          | 20000  |
| Budi Murtono | kredit          | 20000  |
| Sutopo       | debit          | 20000  |
| Maryari      | debit          | 20000  |
| Suparman     | debit          | 20000  |
+-----+-----+-----+
```

Nomer 5

```
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 (0.025 sec)

MariaDB [perbankan]>
```

6. Tampilkan nama nasabah dan id nasabah dimana nama nasabah diawali dengan kata „Su“ dan „Sa“

```
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 'Sa%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl.Jendral Sudirman 12 |
| Suparman     | Jl.Hasanudin 81 |
| Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| Sari Murti   | Jl.Pangandaran 11 |
+-----+-----+
4 rows in set (0.001 sec)

MariaDB [perbankan]>
```

7. Tampilkan nama nasabah yang berawal dari kata “Ka” dan berakhiran kata “ri” atau alamat nasabah dengan kata “Riyadi”

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

MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like 'Ka%' and nama_nasabah like '%ri'
-> or alamat_nasabah like '%Riyadi%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Kartika Padmasari | Jl.Manggis 15 |
| Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| Indri Hapsari | Jl.Slamet Riyadi 34 |
+-----+-----+
3 rows in set (0.039 sec)
```

8. Tampilkan id nasabah, nama nasabah dan alamat nasabah diurutkan berdasarkan id_nasabah dan menampilkan 5 daftar setelah baris ke 3

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

3 rows in set (0.039 sec)

MariaDB [perbankan]> select * from nasabah order by id_nasabah limit 5 offset 3;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayoga | Jl.Kantil 30 |
| 6 | Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl.Slamet Riyadi 34 |
| 8 | Sari Murti | Jl.Pangandaran 11 |
+-----+-----+-----+
5 rows in set (0.046 sec)
```


- d. Tampilkan transaksi nasabah yang berasal dari cabang_bank yang sama

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
42 rows in set, 5 warnings (0.116 sec)

MariaDB [perbankan]> select no_transaksi,kode_cabangFK,jenis_transaksi from rekening,nasabah_has_rekening,transaksi
-> where kode_cabangFK = 'BRUS'
-> and transaksi.no_rekeningFK = nasabah_has_rekening.no_rekeningFK
-> and nasabah_has_rekening.no_rekeningFK = rekening.no_rekening;
+-----+-----+-----+
| no_transaksi | kode_cabangFK | jenis_transaksi |
+-----+-----+-----+
| 2 | BRUS | debit |
| 3 | BRUS | kredit |
| 5 | BRUS | debit |
| 6 | BRUS | kredit |
| 7 | BRUS | debit |
| 8 | BRUS | kredit |
| 8 | BRUS | kredit |
| 11 | BRUS | debit |
| 13 | BRUS | debit |
| 13 | BRUS | debit |
| 14 | BRUS | debit |
| 16 | BRUS | kredit |
| 16 | BRUS | kredit |
| 19 | BRUS | kredit |
| 20 | BRUS | debit |
| 21 | BRUS | debit |
| 23 | BRUS | kredit |
| 24 | BRUS | kredit |
| 26 | BRUS | debit |
| 28 | BRUS | debit |
| 29 | BRUS | debit |
| 30 | BRUS | kredit |
| 31 | BRUS | kredit |
+-----+-----+-----+
23 rows in set (0.061 sec)
```

- e. Tampilkan transaksi nasabah yang berasal dari cabang_bank boyolali dan Surakarta

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
23 rows in set (0.061 sec)

MariaDB [perbankan]> select no_transaksi,kode_cabangFK,jenis_transaksi from rekening,nasabah_has_rekening,transaksi
-> where kode_cabangFK in ('BRUS','BRUB')
-> and transaksi.no_rekeningFK = nasabah_has_rekening.no_rekeningFK
-> and nasabah_has_rekening.no_rekeningFK = rekening.no_rekening;
+-----+-----+-----+
| no_transaksi | kode_cabangFK | jenis_transaksi |
+-----+-----+-----+
| 2 | BRUS | debit |
| 3 | BRUS | kredit |
| 5 | BRUS | debit |
| 6 | BRUS | kredit |
| 7 | BRUS | debit |
| 8 | BRUS | kredit |
| 8 | BRUS | kredit |
| 11 | BRUS | debit |
| 13 | BRUS | debit |
| 13 | BRUS | debit |
| 14 | BRUS | debit |
| 16 | BRUS | kredit |
| 16 | BRUS | kredit |
| 19 | BRUS | kredit |
| 20 | BRUS | debit |
| 21 | BRUS | debit |
| 22 | BRUB | kredit |
| 23 | BRUS | kredit |
| 24 | BRUS | kredit |
| 26 | BRUS | debit |
| 28 | BRUS | debit |
| 29 | BRUS | debit |
| 30 | BRUS | kredit |
| 31 | BRUS | kredit |
| 32 | BRUB | debit |
| 32 | BRUB | debit |
+-----+-----+-----+
26 rows in set (0.048 sec)
```