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Kelas : B

Modul 6

Latihan

```
Administrator: Command Prompt - mysql -u root -p
C:\WINDOWS\system32>d:
D:\>cd D:\Program Files\xampp\mysql\bin
D:\Program Files\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. Superman 23 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jalan A Yani No.23 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+
5 rows in set (0.517 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 0 | 5000000 |
| 106 | 6666 | 3000000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 123 | 300000 |
| 113 | 8888 | 255000 |
| 111 | 4321 | 150000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
13 rows in set (0.302 sec)

MariaDB [perbankan]>
```

Tugas

```
Administrator: Command Prompt - mysql -u root -p
+-----+
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jalan A Yani No.23 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+
5 rows in set (0.517 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+
| no_rekening | pin | saldo |
+-----+
| 108 | 0 | 5000000 |
| 106 | 6666 | 3000000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 123 | 300000 |
| 113 | 8888 | 255000 |
| 111 | 4321 | 150000 |
| 109 | 9999 | 0 |
+-----+
13 rows in set (0.302 sec)

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 |
| 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 |
+-----+
9 rows in set (0.040 sec)

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 |
+-----+
13 rows in set (0.374 sec)

MariaDB [perbankan]>
```

```
Administrator: Command Prompt - mysql -u root -p

MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal='0000-00-00' ORDER BY jumlah;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| debit           | 20000  |
| debit           | 20000  |
| kredit          | 20000  |
| debit           | 20000  |
| kredit          | 20000  |
| kredit          | 30000  |
| debit           | 40000  |
| debit           | 40000  |
| debit           | 40000  |
| debit           | 50000  |
| debit           | 50000  |
| debit           | 50000  |
| kredit          | 50000  |
| debit           | 50000  |
| kredit          | 50000  |
| debit           | 50000  |
| debit           | 50000  |
| debit           | 100000 |
| debit           | 100000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 100000 |
| debit           | 100000 |
| debit           | 100000 |
| kredit          | 150000 |
| kredit          | 200000 |
| kredit          | 200000 |
| kredit          | 200000 |
| kredit          | 200000 |
+-----+-----+
30 rows in set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=20000;
+-----+-----+-----+
| nama_nasabah   | jenis_transaksi | jumlah |
+-----+-----+-----+
| Kartika Padmasari | kredit          | 20000  |
| Budi Eko Prayogo | debit           | 20000  |
| Kartika Padmasari | kredit          | 20000  |
| Budi Eko Prayogo | debit           | 20000  |
| Canka Lokananta  | debit           | 20000  |
+-----+-----+-----+
5 rows in set (0.287 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Superman     | Jl. Hasanudin 81      |
+-----+-----+
2 rows in set (0.002 sec)

MariaDB [perbankan]>
```

```
Administrator: Command Prompt - mysql -u root -p
2 rows in set (0.002 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE jenis_transaksi='debit' AND jumlah<30000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| 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  |
| 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  |
| 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  |
+-----+-----+-----+
27 rows in set (0.291 sec)

MariaDB [perbankan]> SELECT * FROM transaksi WHERE jenis_transaksi = 'debit' AND tanggal = '0000-00-00' AND jumlah=100000;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal           | jumlah |
+-----+-----+-----+-----+-----+-----+
| 10           | 4            | 106           | debit          | 0000-00-00 00:00:00 | 100000 |
| 11           | 2            | 106           | debit          | 0000-00-00 00:00:00 | 100000 |
| 19           | 10           | 108           | debit          | 0000-00-00 00:00:00 | 100000 |
| 29           | 7            | 109           | debit          | 0000-00-00 00:00:00 | 100000 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)

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

MariaDB [perbankan]>
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Administrator: Command Prompt - mysql -u root -p
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayogo | Jl. Kantil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [perbankan]> SELECT * FROM rekening WHERE kode_cabangFK IS NULL;
Empty set (0.002 sec)

MariaDB [perbankan]> SELECT * FROM rekening WHERE kode_cabangFK IS NOT NULL ORDER BY no_rekening LIMIT 6 OFFSET 5;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
+-----+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=500000 AND tanggal = '0000-00-00';
Empty set (0.001 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=250000 AND tanggal = '0000-00-00';
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=1000000 AND tanggal = '0000-00-00';
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=10000000 AND tanggal = '0000-00-00';
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=500 AND tanggal = '0000-00-00';
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=5000 AND tanggal = '0000-00-00';
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=tr
ansaksi.id_nasabahFK AND jumlah=20000 AND tanggal = '0000-00-00';
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Kartika Padmasari | kredit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Kartika Padmasari | kredit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Canka Lokananta | debit | 20000 |
+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [perbankan]>
```

```
Administrator: Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah AND jumlah>=20000 ORDER BY id_nasabah LIMIT 3 OFFSET 6;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Sutopo       | debit          | 50000  |
| Sutopo       | kredit         | 50000  |
| Sutopo       | debit          | 100000 |
+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT no_rekeningFK, jenis_transaksi, tanggal, jumlah FROM transaksi WHERE tanggal LIKE '0000-000' AND jenis_transaksi='debit' ORDER BY no_transaksi LIMIT 3 OFFSET 7;
Empty set (0.000 sec)

MariaDB [perbankan]> SELECT kode_cabangFK, saldo FROM rekening WHERE saldo>20000 ORDER BY saldo DESC;
+-----+-----+
| kode_cabangFK | saldo |
+-----+-----+
| BRUB          | 5000000 |
| BRUS          | 3000000 |
| BRUM          | 2000000 |
| BRUS          | 1000000 |
| BRUM          | 900000  |
| BRUS          | 750000  |
| BRUY          | 550000  |
| BRUS          | 500000  |
| BRUS          | 350000  |
| BRUK          | 300000  |
| BRUY          | 255000  |
| BRUK          | 150000  |
+-----+-----+
12 rows in set (0.000 sec)

MariaDB [perbankan]>
```