

Nama : Hesti Sefria Nurfitri

NIM : L200180122

Kelas : E

Modul 6

Kegiatan

```
XAMPP for Windows - mysql -u root -p

Setting environment for using XAMPP for Windows.
Acer@DESKTOP-K7JHHIJ c:\users\acer\downloads\c
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.11-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 * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB       | Bank Rut Unit Boyolali | Jl. P.Tendean 63 |
| BRUC       | Bank Rut Unit Palembang | Jl. Ahmad Yani 15 |
| BRUD       | Bank Rut Unit Jakarta | Jl. Durian 17 |
| BRUF       | Bank Rut Unit Baturaja | Jl. Salak 23 |
| BRUH       | Bank Rut Unit Tangerang | Jl. Duet 12 |
| BRUJ       | Bank Rut Unit Demak | Jl. Patimuna 19 |
| BRUK       | Bank Rut Unit Magelang | Jl. P.Tendean 63 |
| BRUL       | Bank Rut Unit Solo | Jl. Kartini 4 |
| BRUM       | Bank Rut Unit Klaten | Jl. Suparman 23 |
| BRUP       | Bank Rut Unit Aceh | Jl. Iskandar Muda 13 |
| BRUR       | Bank Rut Unit Cikarang | Jl. Mawar 19 |
| BRUS       | Bank Rut Surakarta | Jl. Slamet Riyadi 18 |
| BRUV       | Bank Rut Unit Lampung | Jl. Sudirman 15 |
| BRUW       | Bank Rut Unit Wonogiri | Jl. Suparman 23 |
| BRUY       | Bank Rut Unit Yogyakarta | Anggrek 21 |
| BRUZ       | Bank Rut Unit Tawangmangu | Jl. Manggis |
+-----+-----+-----+
16 rows in set (0.124 sec)

MariaDB [perbankan]> SELECT no_rekening, pin FROM rekening ORDER BY saldo DESC;
+-----+-----+
| no_rekening | pin |
+-----+-----+
| 108         | 0   |
| 112         | 123 |
+-----+-----+
```

XAMPP for Windows - mysql -u root -p

| | | |
|------|---------------------------|----------------------|
| BRUM | Bank Rut Unit Klaten | Jl. Superman 23 |
| BRUP | Bank Rut Unit Aceh | Jl. Iskandar Muda 13 |
| BRUR | Bank Rut Unit Cikarang | Jl. Mawar 19 |
| BRUS | Bank Rut Surakarta | Jl. Slamet Riyadi 18 |
| BRUV | Bank Rut Unit Lampung | Jl. Sudirman 15 |
| BRUW | Bank Rut Unit Wonogiri | Jl. Superman 23 |
| BRUY | Bank Rut Unit Yogyakarta | Anggrek 21 |
| BRUZ | Bank Rut Unit Tawangmangu | Jl. Manggis |

16 rows in set (0.124 sec)

MariaDB [perbankan]> SELECT no_rekening, pin FROM rekening ORDER BY saldo DESC;

| no_rekening | pin |
|-------------|------|
| 108 | 0 |
| 112 | 123 |
| 117 | 3456 |
| 106 | 6666 |
| 105 | 5555 |
| 104 | 4444 |
| 123 | 4444 |
| 110 | 1234 |
| 101 | 111 |
| 122 | 2234 |
| 102 | 2222 |
| 103 | 3333 |
| 116 | 6789 |
| 119 | 7654 |
| 121 | 9000 |
| 120 | 5876 |
| 118 | 8907 |
| 114 | 4546 |
| 113 | 8888 |
| 111 | 4321 |
| 115 | 8900 |
| 107 | 7777 |
| 109 | 9999 |

23 rows in set (0.125 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;

| nama_nasabah | alamat_nasabah |
|--------------|----------------|
|--------------|----------------|

Tugas

1.

XAMPP for Windows - mysql -u root -p

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;

| nama_nasabah | alamat_nasabah |
|------------------|-------------------------|
| Anis | Jl. Jambu 26 |
| Ayu | Jl. Kiwi 12 |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Budi Murtono | Jl. Merak 22 |
| Canka Lokananta | Jl. Tidar 86 |
| Indra Hapsari | Jl. Sutoyo 5 |
| Kartika Padmsari | Jl. Manggis 15 |
| Maryati | Jl. MT.Haryono 31 |
| Paijo | Jl. Anggur 41 |
| Sari Murti | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Superman | Jl.Hasanudin 81 |
| Superman | Jl. Jeruk 2 |
| Sutomo | Jl. Mangga 20 |
| Sutopo | Jl. Jendral Sudirman 12 |
| Tiara | Jl. Sirsat 12 |
| Tika | Jl. Nangka 43 |
| Tina | Jl.Duku 19 |
| Wahyu | Jl. Semangka 17 |
| Winarmo | Jl. Apel 13 |

20 rows in set (0.061 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah DESC;

| nama_nasabah | alamat_nasabah |
|-----------------|-------------------------|
| Winarmo | Jl. Apel 13 |
| Wahyu | Jl. Semangka 17 |
| Tina | Jl.Duku 19 |
| Tika | Jl. Nangka 43 |
| Tiara | Jl. Sirsat 12 |
| Sutopo | Jl. Jendral Sudirman 12 |
| Sutomo | Jl. Mangga 20 |
| Superman | Jl.Hasanudin 81 |
| Superman | Jl. Jeruk 2 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Sari Murti | Jl. Pangandaran 11 |
| Paijo | Jl. Anggur 41 |
| Maryati | Jl. MT.Haryono 31 |

```
XAMPP for Windows - mysql -u root -p
Satria Eka Jaya Jl. Slamet Riyadi 45
Suparman Jl. Hasanudin 81
Sutomo Jl. Jeruk 2
Sutopo Jl. Mangga 20
Tiana Jl. Jendral Sudirman 12
Tika Jl. Sirsat 12
Tina Jl. Nangka 43
Wahyu Jl. Duku 19
Winarmo Jl. Semangka 17
Winarmo Jl. Apel 13
20 rows in set (0.061 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah DESC;
nama_nasabah alamat_nasabah
Winarmo Jl. Apel 13
Wahyu Jl. Semangka 17
Tina Jl. Duku 19
Tika Jl. Nangka 43
Tiana Jl. Sirsat 12
Sutopo Jl. Jendral Sudirman 12
Sutomo Jl. Mangga 20
Suparman Jl. Hasanudin 81
Satria Eka Jaya Jl. Jeruk 2
Sani Murti Jl. Slamet Riyadi 45
Paipo Jl. Pangandaran 11
Muryati Jl. Anggur 41
Kartika Padmsari Jl. MT. Haryono 31
Indra Hapsari Jl. Manggis 15
Canka Lokananta Jl. Sutoyo 5
Budi Murtono Jl. Tidar 86
Budi Eko Prayogo Jl. Merak 22
Ayu Jl. Kantil 30
Anis Jl. Kiwi 12
Anis Jl. Jambu 26
20 rows in set (0.001 sec)
```

2.

```
XAMPP for Windows - mysql -u root -p
Paipo Jl. Anggur 41
Muryati Jl. MT. Haryono 31
Kartika Padmsari Jl. Manggis 15
Indra Hapsari Jl. Sutoyo 5
Canka Lokananta Jl. Tidar 86
Budi Murtono Jl. Merak 22
Budi Eko Prayogo Jl. Kantil 30
Ayu Jl. Kiwi 12
Anis Jl. Jambu 26
20 rows in set (0.001 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 800000
kredit 170000
kredit 190000
kredit 560000
kredit 590000
kredit 500000
kredit 170000
kredit 350000
21 rows in set (0.000 sec)
```

3.

```
XAMPP for Windows - mysql -u root -p
kredit 200000
kredit 100000
kredit 800000
kredit 170000
kredit 190000
kredit 560000
kredit 590000
kredit 500000
kredit 170000
kredit 350000
21 rows in set (0.000 sec)

MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal = '2009-11-21';
jenis_transaksi jumlah
debit 40000
1 row in set (0.077 sec)

MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal = '2009-11-20' ORDER BY jumlah;
jenis_transaksi jumlah
kredit 200000
1 row in set (0.049 sec)
```

4.

XAMPP for Windows - 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 Padmsari | kredit | 20000 |
| Budi Eko Prayogo | kredit | 20000 |
| Satria Eka Jaya | kredit | 20000 |
| Indra Hapsari | kredit | 20000 |
| Sari Murti | kredit | 20000 |
| Canka Lokananta | kredit | 20000 |
| Budi Murtono | kredit | 20000 |
| Sutomo | kredit | 20000 |
| Suparman | kredit | 20000 |
| Paijo | kredit | 20000 |
| Winarmo | kredit | 20000 |
| Wahyu | kredit | 20000 |
| Tika | kredit | 20000 |
| Ayu | kredit | 20000 |
| Anis | kredit | 20000 |
| Tina | kredit | 20000 |
| Tiara | kredit | 20000 |
| Sutopo | debit | 20000 |
| Maryati | debit | 20000 |
| Suparman | debit | 20000 |
| Kartika Padmsari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria Eka Jaya | debit | 20000 |
| Indra Hapsari | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtono | debit | 20000 |
| Sutomo | debit | 20000 |
| Suparman | debit | 20000 |
| Paijo | debit | 20000 |
| Winarmo | debit | 20000 |
| Wahyu | debit | 20000 |
| Tika | debit | 20000 |
| Ayu | debit | 20000 |
| Anis | debit | 20000 |
| Tina | debit | 20000 |

XAMPP for Windows - mysql -u root -p

| | | |
|------------------|--------|-------|
| Ayu | debit | 20000 |
| Anis | debit | 20000 |
| Tina | debit | 20000 |
| Tiara | debit | 20000 |
| Sutopo | kredit | 20000 |
| Maryati | kredit | 20000 |
| Suparman | kredit | 20000 |
| Kartika Padmsari | kredit | 20000 |
| Budi Eko Prayogo | kredit | 20000 |
| Satria Eka Jaya | kredit | 20000 |
| Indra Hapsari | kredit | 20000 |
| Sari Murti | kredit | 20000 |
| Canka Lokananta | kredit | 20000 |
| Budi Murtono | kredit | 20000 |
| Sutomo | kredit | 20000 |
| Suparman | kredit | 20000 |
| Paijo | kredit | 20000 |
| Winarmo | kredit | 20000 |
| Wahyu | kredit | 20000 |
| Tika | kredit | 20000 |
| Ayu | kredit | 20000 |
| Anis | kredit | 20000 |
| Tina | kredit | 20000 |
| Tiara | kredit | 20000 |
| Sutopo | debit | 20000 |
| Maryati | debit | 20000 |
| Suparman | debit | 20000 |
| Kartika Padmsari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria Eka Jaya | debit | 20000 |
| Indra Hapsari | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtono | debit | 20000 |
| Sutomo | debit | 20000 |
| Suparman | debit | 20000 |
| Paijo | debit | 20000 |
| Winarmo | debit | 20000 |
| Wahyu | debit | 20000 |
| Tika | debit | 20000 |
| Ayu | debit | 20000 |
| Anis | debit | 20000 |
| Tina | debit | 20000 |
| Tiara | debit | 20000 |

XAMPP for Windows - mysql -u root -p

| | | |
|------------------|-------|-------|
| Kartika Padmsari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria Eka Jaya | debit | 20000 |
| Indra Hapsari | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtono | debit | 20000 |
| Sutomo | debit | 20000 |
| Suparman | debit | 20000 |
| Paijo | debit | 20000 |
| Winarmo | debit | 20000 |
| Wahyu | debit | 20000 |
| Tika | debit | 20000 |
| Ayu | debit | 20000 |
| Anis | debit | 20000 |
| Tina | debit | 20000 |
| Tiara | debit | 20000 |
| Sutopo | debit | 20000 |
| Maryati | debit | 20000 |
| Suparman | debit | 20000 |
| Kartika Padmsari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria Eka Jaya | debit | 20000 |
| Indra Hapsari | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtono | debit | 20000 |
| Sutomo | debit | 20000 |
| Suparman | debit | 20000 |
| Paijo | debit | 20000 |
| Winarmo | debit | 20000 |
| Wahyu | debit | 20000 |
| Tika | debit | 20000 |
| Ayu | debit | 20000 |
| Anis | debit | 20000 |
| Tina | debit | 20000 |
| Tiara | debit | 20000 |

100 rows in set (0.001 sec)

5.

XAMPP for Windows - mysql -u root -p

Empty set (0.110 sec)

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 |
| Sutomo | Jl. Mangga 20 |
| Suparman | Jl. Jeruk 2 |

4 rows in set (0.000 sec)

6.

MariaDB [perbankan]> SELECT * FROM nasabah WHERE alamat_nasabah LIKE 'Jl%' AND alamat_nasabah LIKE '%1';

| id_nasabah | nama_nasabah | alamat_nasabah |
|------------|--------------|--------------------|
| 2 | Maryati | Jl. MT. Haryono 31 |
| 3 | Suparman | Jl. Hasanudin 81 |

2 rows in set (0.001 sec)

7.

MariaDB [perbankan]> SELECT * FROM rekening WHERE pin LIKE '1%' OR pin LIKE '%2' OR pin LIKE '7%';

| no_rekening | kode_cabang | pin | saldo |
|-------------|-------------|------|---------|
| 101 | BRUS | 111 | 500000 |
| 102 | BRUS | 2222 | 500000 |
| 107 | BRUS | 7777 | 100000 |
| 110 | BRUY | 1234 | 550000 |
| 112 | BRUK | 123 | 3000000 |
| 119 | BRUJ | 7654 | 450000 |

6 rows in set (0.001 sec)

8.

```
XAMPP for Windows - mysql -u root -p
+-----+
| 107 | BRUS | 7777 | 100000 |
| 110 | BRUY | 1234 | 550000 |
| 112 | BRUK | 123  | 3000000 |
| 119 | BRUJ | 7654 | 450000  |
+-----+
6 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah, id_nasabah FROM nasabah ORDER BY nama_nasabah LIMIT 8 OFFSET 2;
+-----+
| nama_nasabah | alamat_nasabah | id_nasabah |
+-----+
| Budi Eko Prayogo | Jl. Kantil 30 | 5 |
| Budi Murtono | Jl. Merak 22 | 10 |
| Canka Lokananta | Jl. Tidar 86 | 9 |
| Indra Hapsari | Jl. Sutoyo 5 | 7 |
| Kartika Padmsari | Jl. Manggis 15 | 4 |
| Maryati | Jl. MT.Haryono 31 | 2 |
| Paijo | Jl. Anggur 41 | 13 |
| Sari Murti | Jl. Pangandaran 11 | 8 |
+-----+
8 rows in set (0.053 sec)
```

9.

```
XAMPP for Windows - mysql -u root -p
+-----+
| Canka Lokananta | Jl. Tidar 86 | 9 |
| Indra Hapsari | Jl. Sutoyo 5 | 7 |
| Kartika Padmsari | Jl. Manggis 15 | 4 |
| Maryati | Jl. MT.Haryono 31 | 2 |
| Paijo | Jl. Anggur 41 | 13 |
| Sari Murti | Jl. Pangandaran 11 | 8 |
+-----+
8 rows in set (0.053 sec)

MariaDB [perbankan]> select*from rekening;
+-----+
| no_rekening | kode_cabang | pin | saldo |
+-----+
| 101 | BRUS | 111 | 500000 |
| 102 | BRUS | 2222 | 500000 |
| 103 | BRUS | 3333 | 500000 |
| 104 | BRUS | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 100000 |
| 108 | BRUB | 0 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 123 | 3000000 |
| 113 | BRUS | 8888 | 255000 |
| 114 | BRUZ | 4546 | 290000 |
| 115 | BRUD | 8900 | 120000 |
| 116 | BRUF | 6789 | 455555 |
| 117 | BRUH | 3456 | 3000000 |
| 118 | BRUC | 8907 | 400000 |
| 119 | BRUJ | 7654 | 450000 |
| 120 | BRUL | 5876 | 430000 |
| 121 | BRUR | 9000 | 433000 |
| 122 | BRUV | 2234 | 500000 |
| 123 | BRUP | 4444 | 700000 |
+-----+
23 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT pin FROM rekening WHERE no_rekening LIKE '1%' AND no_rekening LIKE '%1' AND saldo IS NOT NULL;
+-----+
| pin |
+-----+
| 111 |
+-----+
```

XAMPP for Windows - mysql -u root -p

| | | | |
|-----|------|------|---------|
| 102 | BRUS | 2222 | 500000 |
| 103 | BRUS | 3333 | 500000 |
| 104 | BRUS | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 100000 |
| 108 | BRUB | 0 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 123 | 3000000 |
| 113 | BRUS | 8888 | 255000 |
| 114 | BRUZ | 4546 | 290000 |
| 115 | BRUD | 8900 | 120000 |
| 116 | BRUF | 6789 | 455555 |
| 117 | BRUH | 3456 | 3000000 |
| 118 | BRUC | 8907 | 400000 |
| 119 | BRUJ | 7654 | 450000 |
| 120 | BRUL | 5876 | 430000 |
| 121 | BRUR | 9000 | 433000 |
| 122 | BRUV | 2234 | 500000 |
| 123 | BRUP | 4444 | 700000 |

23 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT pin FROM rekening WHERE no_rekening LIKE '1%' AND no_rekening LIKE '%1' AND saldo IS NOT NULL;

| pin |
|------|
| 111 |
| 4321 |
| 9000 |

3 rows in set (0.059 sec)

10.

XAMPP for Windows - mysql -u root -p

| pin |
|------|
| 111 |
| 4321 |
| 9000 |

3 rows in set (0.059 sec)

MariaDB [perbankan]> select* from rekening;

| no_rekening | kode_cabang | pin | saldo |
|-------------|-------------|------|---------|
| 101 | BRUS | 111 | 500000 |
| 102 | BRUS | 2222 | 500000 |
| 103 | BRUS | 3333 | 500000 |
| 104 | BRUS | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 100000 |
| 108 | BRUB | 0 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 123 | 3000000 |
| 113 | BRUS | 8888 | 255000 |
| 114 | BRUZ | 4546 | 290000 |
| 115 | BRUD | 8900 | 120000 |
| 116 | BRUF | 6789 | 455555 |
| 117 | BRUH | 3456 | 3000000 |
| 118 | BRUC | 8907 | 400000 |
| 119 | BRUJ | 7654 | 450000 |
| 120 | BRUL | 5876 | 430000 |
| 121 | BRUR | 9000 | 433000 |
| 122 | BRUV | 2234 | 500000 |
| 123 | BRUP | 4444 | 700000 |

23 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT no_rekening FROM rekening WHERE pin LIKE '%2' OR pin LIKE '%4' AND saldo is NOT NULL ORDER BY no_rekening LIMIT 3 OFFSET 2;

| no_rekening |
|-------------|
| 111 |
| 114 |

Activate Windows
Go to Settings to activate Windows.

```
XAMPP for Windows - mysql -u root -p
103 | BRUS | 3333 | 500000 |
104 | BRUS | 4444 | 900000 |
105 | BRUM | 5555 | 2000000 |
106 | BRUS | 6666 | 3000000 |
107 | BRUS | 7777 | 100000 |
108 | BRUB | 0 | 5000000 |
109 | BRUB | 9999 | 0 |
110 | BRUY | 1234 | 550000 |
111 | BRUK | 4321 | 150000 |
112 | BRUK | 123 | 3000000 |
113 | BRUS | 8888 | 255000 |
114 | BRUZ | 4546 | 290000 |
115 | BRUD | 8900 | 120000 |
116 | BRUF | 6789 | 455555 |
117 | BRUH | 3456 | 3000000 |
118 | BRUC | 8907 | 400000 |
119 | BRUJ | 7654 | 450000 |
120 | BRUL | 5876 | 430000 |
121 | BRUR | 9000 | 433000 |
122 | BRUV | 2234 | 500000 |
123 | BRUP | 4444 | 700000 |
-----+-----+
23 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT no_rekening FROM rekening WHERE pin LIKE '%2' OR pin LIKE '%4' AND saldo IS NOT NULL ORDER BY no_rekening LIMIT 3 OFFSET 2;
+-----+
| no_rekening |
+-----+
| 111 |
| 114 |
| 123 |
+-----+
3 rows in set (0.040 sec)
```

11.

Menampilkan pencarian nama_nasabah dengan string “Su”

```
XAMPP for Windows - mysql -u root -p
111 |
114 |
123 |
-----+-----+
3 rows in set (0.040 sec)

MariaDB [perbankan]> SELECT no_rekening FROM rekening WHERE pin LIKE '%2' OR pin LIKE '%4' AND saldo IS NULL ORDER BY no_rekening LIMIT 9 OFFSET 2;
Empty set (0.018 sec)

MariaDB [perbankan]> SELECT nama_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Su%';
+-----+
| nama_nasabah |
+-----+
| Sutopo |
| Suparman |
| Sutomo |
| Suparman |
+-----+
4 rows in set (0.000 sec)
```

Menampilkan nama_nasabah yang berasal dari satu cabang_bank yang sama

```
XAMPP for Windows - mysql -u root -p
352 rows in set (0.002 sec)

MariaDB [perbankan]> SELECT nama_nasabah FROM nasabah, rekening, nasabah_has_rekening WHERE kode_cabang = 'BRUK' AND rekening.no_rekening = nasabah_has_rekening.no_rekeningFK AND nasabah_has_rekening.id_nasabah = nasabah.id_nasabah;
+-----+
| nama_nasabah |
+-----+
| Sari Murti |
| Sari Murti |
+-----+
2 rows in set (0.001 sec)

MariaDB [perbankan]>
```


Menampilkan nama_nasabah yang berasal dari satu cabang_bank yang sama, dan memiliki jenis_transaksi kredit atau debit

[illegible]

```

XAMPP for Windows - mysql -u root -p
+-----+-----+-----+
Budi Murtono | debit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | debit
Budi Murtono | debit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | kredit
Budi Murtono | kredit
Satria Eka Jaya | debit
Budi Murtono | debit
+-----+-----+-----+
100 rows in set (0.001 sec)

```

Menampilkan transaksi nasabah yang berasal dari cabang bank yang sama

```
xampp\mysql> SELECT * FROM transaksi, rekening WHERE transaksi.no_rekeningFK = rekening.no_rekening AND rekening.kode_cabang = 'BRUB';
```

| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah | no_rekening | kode_cabang | pin | saldo |
|--------------|--------------|---------------|-----------------|---------------------|--------|-------------|-------------|------|---------|
| 19 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 | 108 | BRUB | 0 | 5000000 |
| 29 | 7 | 109 | debit | 2009-11-05 00:00:00 | 100000 | 109 | BRUB | 9999 | 0 |

```
2 rows in set (0.001 sec)
```

Menampilkan transaksi nasabah dari bank cabang boyolali san surakarta

```
MariaDB [perbankan]> SELECT*FROM transaksi, rekening WHERE transaksi.no_rekeningFK = rekening.no_rekening AND rekening.kode_cabang = 'BRUB' OR rekening.kode_cabang = 'BRUS';
```

| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah | no_rekening | kode_cabang | pin | saldo |
|--------------|--------------|---------------|-----------------|---------------------|--------|-------------|-------------|------|---------|
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 101 | BRUS | 111 | 500000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 102 | BRUS | 2222 | 500000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 103 | BRUS | 3333 | 500000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 104 | BRUS | 4444 | 900000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 106 | BRUS | 6666 | 3000000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 107 | BRUS | 7777 | 100000 |
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 500000 | 113 | BRUS | 8888 | 255000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 101 | BRUS | 111 | 500000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 102 | BRUS | 2222 | 500000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 103 | BRUS | 3333 | 500000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 104 | BRUS | 4444 | 900000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 106 | BRUS | 6666 | 3000000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 107 | BRUS | 7777 | 100000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 | 113 | BRUS | 8888 | 255000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 101 | BRUS | 111 | 500000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 102 | BRUS | 2222 | 500000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 103 | BRUS | 3333 | 500000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 104 | BRUS | 4444 | 900000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 106 | BRUS | 6666 | 3000000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 107 | BRUS | 7777 | 100000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 | 113 | BRUS | 8888 | 255000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 101 | BRUS | 111 | 500000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 102 | BRUS | 2222 | 500000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 103 | BRUS | 3333 | 500000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 104 | BRUS | 4444 | 900000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 106 | BRUS | 6666 | 3000000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 107 | BRUS | 7777 | 100000 |

```
XAMPP for Windows - mysql -u root -p
```

| | | | | | | | | | |
|----|---|-----|--------|---------------------|--------|-----|------|------|---------|
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 104 | BRUS | 4444 | 900000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 106 | BRUS | 6666 | 3000000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 107 | BRUS | 7777 | 100000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 | 113 | BRUS | 8888 | 255000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 101 | BRUS | 111 | 500000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 102 | BRUS | 2222 | 500000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 103 | BRUS | 3333 | 500000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 104 | BRUS | 4444 | 900000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 106 | BRUS | 6666 | 3000000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 107 | BRUS | 7777 | 100000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 | 113 | BRUS | 8888 | 255000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 101 | BRUS | 111 | 500000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 102 | BRUS | 2222 | 500000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 103 | BRUS | 3333 | 500000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 104 | BRUS | 4444 | 900000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 106 | BRUS | 6666 | 3000000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 107 | BRUS | 7777 | 100000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 | 113 | BRUS | 8888 | 255000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 101 | BRUS | 111 | 500000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 102 | BRUS | 2222 | 500000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 103 | BRUS | 3333 | 500000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 104 | BRUS | 4444 | 900000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 106 | BRUS | 6666 | 3000000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 107 | BRUS | 7777 | 100000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 | 113 | BRUS | 8888 | 255000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 101 | BRUS | 111 | 500000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 102 | BRUS | 2222 | 500000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 103 | BRUS | 3333 | 500000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 104 | BRUS | 4444 | 900000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 106 | BRUS | 6666 | 3000000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 107 | BRUS | 7777 | 100000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 | 113 | BRUS | 8888 | 255000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 101 | BRUS | 111 | 500000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 102 | BRUS | 2222 | 500000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 103 | BRUS | 3333 | 500000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 104 | BRUS | 4444 | 900000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 106 | BRUS | 6666 | 3000000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 107 | BRUS | 7777 | 100000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 | 113 | BRUS | 8888 | 255000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 | 101 | BRUS | 111 | 500000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 | 102 | BRUS | 2222 | 500000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 | 103 | BRUS | 3333 | 500000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 | 104 | BRUS | 4444 | 900000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 | 106 | BRUS | 6666 | 3000000 |