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Kelas : E

Latihan SELECT: Melihat semua kolom

```
Activities Terminal Mar 31 8:21 PM kintosi@pop-os: ~  
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 * FROM nasabah;  
+-----+-----+-----+  
| id_nasabah | nama_nasabah | alamat_nasabah |  
+-----+-----+-----+  
| 1 | Sutopo | Jl. Jendral Sudirman 12 |  
| 2 | Maryati | Jl. MT.Haryono 31 |  
| 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 |  
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |  
| 8 | Sari Murti | Jl. Pangandaran 11 |  
| 9 | Canka Lokananta | Jl. Tidar 86 |  
| 10 | Budi Mutono | Jl. Merak 22 |  
| 11 | Agus Hudiman | Jl. Kalimantan 23 |  
| 12 | Nopal Rahmatdan | Jl. Sumatra 30 |  
| 13 | Bryan Hermansyah | Jl. Papua 30 |  
| 14 | Budi Sudarsono | Jl. Merdeka 26 |  
| 15 | Rahmat Hamirudin | Jl. Kelengkeng 38 |  
| 16 | Amirudin Jamal | Jl. Kebon Jeruk 40 |  
| 17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |  
| 18 | Taufik Hidayat | Jl. Kuningan 12 |  
| 19 | Udin Samsul | Jl. Tanah Abang 92 |  
| 20 | Sukijan | Jl. Margoda 22 |  
+-----+-----+-----+  
20 rows in set (0.06 sec)  
  
mysql> 
```

Melihat kolom-kolom tertentu

```
Activities Terminal Mar 31 8:22 PM kintosi@pop-os: ~  
+-----+-----+-----+  
| 18 | Taufik Hidayat | Jl. Kuningan 12 |  
| 19 | Udin Samsul | Jl. Tanah Abang 92 |  
| 20 | Sukijan | Jl. Margoda 22 |  
+-----+-----+-----+  
20 rows in set (0.06 sec)  
  
mysql> SELECT nama_nasabah FROM nasabah;  
+-----+  
| nama_nasabah |  
+-----+  
| Sutopo |  
| Maryati |  
| Suparman |  
| Kartika Padmasari |  
| Budi Eko Prayogo |  
| Satria Eka Jaya |  
| Indri Hapsari |  
| Sari Murti |  
| Canka Lokananta |  
| Budi Mutono |  
| Agus Hudiman |  
| Nopal Rahmatdan |  
| Bryan Hermansyah |  
| Budi Sudarsono |  
| Rahmat Hamirudin |  
| Amirudin Jamal |  
| Hamirudin Sugiarto |  
| Taufik Hidayat |  
| Udin Samsul |  
| Sukijan |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> 
```

```
Activities Terminal Mar 31 8:24 PM kintosi@pop-os: ~
| Sukijan |
+-----+
20 rows in set (0.00 sec)

mysql> SELECT 1, Sutopo FROM nasabah;
ERROR 1054 (42S22): Unknown column 'Sutopo' in 'field list'
mysql> SELECT 1, 'Sutopo' FROM nasabah;
+-----+
| 1 | Sutopo |
+-----+
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
| 1 | Sutopo |
+-----+
20 rows in set (0.00 sec)

mysql>
```

Secara umum

```
Activities Terminal Mar 31 8:27 PM kintosi@pop-os: ~
| Taufik Hidayat | Sutopo |
| Udin Samsul    | Sutopo |
| Sukijan        | Sutopo |
+-----+
20 rows in set (0.01 sec)

mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah;
+-----+
| nama_nasabah | alamat_nasabah |
+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Maryati      | Jl. MT.Haryono 31 |
| Superman     | Jl. Hasanudin 81 |
| Kartika Padmasari | Jl. Manggis 15 |
| Budi Eko Prayogo | Jl. Kantil 30 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Indri Hapsari | Jalan Slamet Riyadi No.34 |
| Sari Murti    | Jl. Pangandaran 11 |
| Canka Lokananta | Jl. Tidar 86 |
| Budi Mutono   | Jl. Merak 22 |
| Agus Hudiman  | Jl. Kalimantan 23 |
| Nopal Rahmatdan | Jl. Sumatra 30 |
| Bryan Hermansyah | Jl. Papua 30 |
| Budi Sudarsono | Jl. Merdeka 26 |
| Rahmat Hamirudin | Jl. Kelengkeng 38 |
| Amirudin Jamal | Jl. Kebon Jeruk 40 |
| Hamirudin Sugiarto | Jl. Kelapa Muda 13 |
| Taufik Hidayat | Jl. Kuningan 12 |
| Udin Samsul    | Jl. Tanah Abang 92 |
| Sukijan       | Jl. Margoda 22 |
+-----+
20 rows in set (0.00 sec)

mysql>
```

Latihan Columns Alias (AS)

```
Activities Terminal Mar 31 8:28 PM kintosi@pop-os: ~  
+-----+  
| Taufik Hidayat | Jl. Kuningan 12 |  
| Udin Samsul | Jl. Tanah Abang 92 |  
| Sukijan | Jl. Margoda 22 |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah AS "Nama Nasabah" FROM nasabah;  
+-----+  
| Nama Nasabah |  
+-----+  
| Sutopo |  
| Maryati |  
| Superman |  
| Kartika Padmasari |  
| Budi Eko Prayogo |  
| Satria Eka Jaya |  
| Indri Hapsari |  
| Sari Murti |  
| Canka Lokananta |  
| Budi Mutono |  
| Agus Hudiman |  
| Nopal Rahmatdan |  
| Bryan Hermansyah |  
| Budi Sudarsono |  
| Rahmat Hamirudin |  
| Amirudin Jamal |  
| Hamirudin Sugiarto |  
| Taufik Hidayat |  
| Udin Samsul |  
| Sukijan |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> 
```

```
Activities Terminal Mar 31 8:29 PM kintosi@pop-os: ~  
+-----+  
| Taufik Hidayat |  
| Udin Samsul |  
| Sukijan |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah AS "Nasabah", alamat_nasabah AS "Alamat Nasabah" FROM nasabah;  
+-----+  
| Nasabah | Alamat Nasabah |  
+-----+  
| Sutopo | Jl. Jendral Sudirman 12 |  
| Maryati | Jl. MT.Haryono 31 |  
| Superman | Jl. Hasanudin 81 |  
| Kartika Padmasari | Jl. Manggis 15 |  
| Budi Eko Prayogo | Jl. Kantil 30 |  
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |  
| Indri Hapsari | Jalan Slamet Riyadi No.34 |  
| Sari Murti | Jl. Pangandaran 11 |  
| Canka Lokananta | Jl. Tidar 86 |  
| Budi Mutono | Jl. Merak 22 |  
| Agus Hudiman | Jl. Kalimantan 23 |  
| Nopal Rahmatdan | Jl. Sumatra 30 |  
| Bryan Hermansyah | Jl. Papua 30 |  
| Budi Sudarsono | Jl. Merdeka 26 |  
| Rahmat Hamirudin | Jl. Kelengkeng 38 |  
| Amirudin Jamal | Jl. Kebon Jeruk 40 |  
| Hamirudin Sugiarto | Jl. Kelapa Muda 13 |  
| Taufik Hidayat | Jl. Kuningan 12 |  
| Udin Samsul | Jl. Tanah Abang 92 |  
| Sukijan | Jl. Margoda 22 |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> 
```

Latihan Where

Menampilkan berdasarkan kondisi tertentu

```
Activities Terminal Mar 31 8:33 PM kintosi@pop-os: ~  
+-----+  
| Indri Hapsari | Jalan Slamet Riyadi No.34 |  
| Sari Murti | Jl. Pangandaran 11 |  
| Canka Lokananta | Jl. Tidar 86 |  
| Budi Mutono | Jl. Merak 22 |  
| Agus Hudiman | Jl. Kalimantan 23 |  
| Nopal Rahmatdan | Jl. Sumatra 30 |  
| Bryan Hermansyah | Jl. Papua 30 |  
| Budi Sudarsono | Jl. Merdeka 26 |  
| Rahmat Hamirudin | Jl. Kelengkeng 38 |  
| Amirudin Jamal | Jl. Kebon Jeruk 40 |  
| Hamirudin Sugiarto | Jl. Kelapa Muda 13 |  
| Taufik Hidayat | Jl. Kuningan 12 |  
| Udin Samsul | Jl. Tanah Abang 92 |  
| Sukijan | Jl. Margoda 22 |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah FROM nasabah WHERE nama_nasabah = 'Kartika Padmasari';  
+-----+  
| nama_nasabah |  
+-----+  
| Kartika Padmasari |  
+-----+  
1 row in set (0.02 sec)  
  
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE id_nasabah=2;  
+-----+  
| nama_nasabah | alamat_nasabah |  
+-----+  
| Maryati | Jl. MT.Haryono 31 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> 
```

Menampilkan menggunakan AND, NULL, dan NOT NULL

```
Activities Terminal Mar 31 8:40 PM kintosi@pop-os: ~  
mysql> SELECT * FROM nasabah WHERE nama_nasabah = 'Udin Samsul' AND alamat_nasabah = 'Jl. Tanah Abang 92';  
+-----+  
| id_nasabah | nama_nasabah | alamat_nasabah |  
+-----+  
| 19 | Udin Samsul | Jl. Tanah Abang 92 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT * FROM rekening WHERE kode_cabangFK IS NULL;  
Empty set (0.04 sec)  
  
mysql> SELECT * FROM rekening WHERE kode_cabangFK IS NOT NULL;  
+-----+  
| no_rekening | kode_cabangFK | pin | saldo |  
+-----+  
| 101 | BRUS | 1111 | 500000 |  
| 102 | BRUS | 2222 | 350000 |  
| 103 | BRUS | 3333 | 750000 |  
| 104 | BRUM | 4444 | 900000 |  
| 105 | BRUM | 5555 | 2000000 |  
| 106 | BRUS | 6666 | 3000000 |  
| 107 | BRUS | 7777 | 1000000 |  
| 108 | BRUB | 0000 | 5000000 |  
| 109 | BRUB | 9999 | 0 |  
| 110 | BRUY | 1234 | 5500000 |  
| 111 | BRUK | 4321 | 1500000 |  
| 112 | BRUK | 0123 | 3000000 |  
| 113 | BRUY | 8888 | 255000 |  
| 114 | BRUJ | 5678 | 200000 |  
| 115 | BRUT | 8765 | 300000 |  
| 116 | BRUP | 9090 | 500000 |  
| 117 | BRUD | 1212 | 1000000 |  
| 118 | BRUL | 2323 | 5000000 |  
| 119 | BRUC | 3434 | 400000 |  
+-----+
```

Menampilkan sesuai dengan pencarian STRING

```
Activities Terminal Mar 31 8:46 PM kintosi@pop-os: ~  
mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE 'Maryati';  
+-----+-----+-----+  
| id_nasabah | nama_nasabah | alamat_nasabah |  
+-----+-----+-----+  
|          2 | Maryati      | Jl. MT.Haryono 31 |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT * FROM nasabah WHERE alamat_nasabah LIKE %Kalimanta%;  
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 '%Kalimanta%' at line 1  
mysql> SELECT * FROM nasabah WHERE alamat_nasabah LIKE '%Kalimanta%';  
+-----+-----+-----+  
| id_nasabah | nama_nasabah | alamat_nasabah |  
+-----+-----+-----+  
|          11 | Agus Hudiman | Jl. Kalimantan 23 |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE 'Kartika P_d_a_s_r_';  
Empty set (0.00 sec)  
  
mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE 'Kartika P_d_a_s_ri';  
Empty set (0.00 sec)  
  
mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE 'Kartika P_dmasari';  
+-----+-----+-----+  
| id_nasabah | nama_nasabah | alamat_nasabah |  
+-----+-----+-----+  
|          4 | Kartika Padmasari | Jl. Manggis 15 |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> 
```

Latihan Order By

Mengurutkan dari nilai kecil ke besar

```
Activities Terminal Mar 31 8:50 PM kintosi@pop-os: ~
mysql> SELECT * FROM nasabah WHERE nama_nasabah ILIKE 'superman';
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 'ILIKE 'superman'' at line 1
mysql> SELECT * FROM nasabah WHERE nama_nasabah lLIKE 'superman';
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 'lLIKE 'superman'' at line 1
mysql> SELECT * FROM nasabah ORDER BY nama_nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 11 | Agus Hudiman | Jl. Kalimantan 23 |
| 16 | Amirudin Jamal | Jl. Kebon Jeruk 40 |
| 13 | Bryan Hermansyah | Jl. Papua 30 |
| 5 | Budi Eko Prayogo | Jl. Kantil 30 |
| 10 | Budi Mutono | Jl. Merak 22 |
| 14 | Budi Sudarsono | Jl. Merdeka 26 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 2 | Maryati | Jl. MT.Haryono 31 |
| 12 | Nopal Rahmatdan | Jl. Sumatra 30 |
| 15 | Rahmat Hamirudin | Jl. Kelengkeng 38 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 20 | Sukijan | Jl. Margoda 22 |
| 3 | Superman | Jl. Hasanudin 81 |
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 18 | Taufik Hidayat | Jl. Kuningan 12 |
| 19 | Udin Samsul | Jl. Tanah Abang 92 |
+-----+-----+-----+
20 rows in set (0.00 sec)

mysql>
```

Mengurukan dari nilai besar ke kecil

```
Activities Terminal Mar 31 8:51 PM kintosi@pop-os: ~
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 18 | Taufik Hidayat | Jl. Kuningan 12 |
| 19 | Udin Samsul | Jl. Tanah Abang 92 |
+-----+-----+-----+
20 rows in set (0.00 sec)

mysql> SELECT * FROM nasabah ORDER BY nama_nasabah DESC;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 19 | Udin Samsul | Jl. Tanah Abang 92 |
| 18 | Taufik Hidayat | Jl. Kuningan 12 |
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 3 | Superman | Jl. Hasanudin 81 |
| 20 | Sukijan | Jl. Margoda 22 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 15 | Rahmat Hamirudin | Jl. Kelengkeng 38 |
| 12 | Nopal Rahmatdan | Jl. Sumatra 30 |
| 2 | Maryati | Jl. MT.Haryono 31 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |
| 17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 14 | Budi Sudarsono | Jl. Merdeka 26 |
| 10 | Budi Mutono | Jl. Merak 22 |
| 5 | Budi Eko Prayogo | Jl. Kantil 30 |
| 13 | Bryan Hermansyah | Jl. Papua 30 |
| 16 | Amirudin Jamal | Jl. Kebon Jeruk 40 |
| 11 | Agus Hudiman | Jl. Kalimantan 23 |
+-----+-----+-----+
20 rows in set (0.00 sec)

mysql>
```


Mengurutkan lebih dari satu kolom

```
Activities Terminal Mar 31 8:53 PM kintosi@pop-os: ~  
mysql> SELECT * FROM nasabah_has_rekening ORDER BY no_rekeningFK, id_nasabahFK;  
+-----+-----+  
| id_nasabahFK | no_rekeningFK |  
+-----+-----+  
| 4 | 101 |  
| 5 | 102 |  
| 2 | 103 |  
| 1 | 104 |  
| 3 | 105 |  
| 3 | 106 |  
| 4 | 107 |  
| 5 | 107 |  
| 10 | 108 |  
| 6 | 109 |  
| 7 | 109 |  
| 9 | 110 |  
| 8 | 111 |  
| 8 | 112 |  
| 10 | 113 |  
| 11 | 114 |  
| 12 | 115 |  
| 13 | 116 |  
| 14 | 117 |  
| 15 | 118 |  
| 16 | 119 |  
| 17 | 120 |  
| 18 | 121 |  
| 19 | 122 |  
| 20 | 123 |  
+-----+-----+  
25 rows in set (0.01 sec)  
mysql>
```

Menentukan DESC untuk kolom-kolom tertentu

```
Activities Terminal Mar 31 8:54 PM kintosi@pop-os: ~  
mysql> SELECT * FROM nasabah_has_rekening ORDER BY no_rekeningFK, id_nasabahFK DESC;  
+-----+-----+  
| id_nasabahFK | no_rekeningFK |  
+-----+-----+  
| 4 | 101 |  
| 5 | 102 |  
| 2 | 103 |  
| 1 | 104 |  
| 3 | 105 |  
| 3 | 106 |  
| 5 | 107 |  
| 4 | 107 |  
| 10 | 108 |  
| 7 | 109 |  
| 6 | 109 |  
| 9 | 110 |  
| 8 | 111 |  
| 8 | 112 |  
| 10 | 113 |  
| 11 | 114 |  
| 12 | 115 |  
| 13 | 116 |  
| 14 | 117 |  
| 15 | 118 |  
| 16 | 119 |  
| 17 | 120 |  
| 18 | 121 |  
| 19 | 122 |  
| 20 | 123 |  
+-----+-----+  
25 rows in set (0.00 sec)  
mysql>
```

```
Activities Terminal Mar 31 8:56 PM kintosi@pop-os: ~
```

```
mysql> SELECT * FROM nasabah_has_rekening ORDER BY no_rekeningFK DESC, id_nasabahFK;
```

id_nasabahFK	no_rekeningFK
20	123
19	122
18	121
17	120
16	119
15	118
14	117
13	116
12	115
11	114
10	113
8	112
8	111
9	110
6	109
7	109
10	108
4	107
5	107
3	106
3	105
1	104
2	103
5	102
4	101

```
25 rows in set (0.00 sec)
```

```
mysql>
```


Latihan Limit dan Offset

```
Activities Terminal Mar 31 8:59 PM kintosi@pop-os: ~
```

10	108
4	107
5	107
3	106
3	105
1	104
2	103
5	102
4	101

25 rows in set (0.00 sec)

```
mysql> SELECT * FROM nasabah ORDER BY id_nasabah LIMIT 5;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl. Jendral Sudirman 12
2	Maryati	Jl. MT.Haryono 31
3	Suparman	Jl. Hasanudin 81
4	Kartika Padmasari	Jl. Manggis 15
5	Budi Eko Prayogo	Jl. Kantil 30

5 rows in set (0.00 sec)

```
mysql> SELECT * FROM nasabah ORDER BY id_nasabah LIMIT 2 OFFSET 2;
```

id_nasabah	nama_nasabah	alamat_nasabah
3	Suparman	Jl. Hasanudin 81
4	Kartika Padmasari	Jl. Manggis 15

2 rows in set (0.00 sec)

```
mysql>
```

Tugas

No 1

```
Activities Terminal Mar 31 9:11 PM kintosi@pop-os: ~  
+-----+  
|      3 | Suparman      | Jl. Hasanudin 81 |  
|      4 | Kartika Padmasari | Jl. Manggis 15  |  
+-----+  
2 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;  
+-----+  
| nama_nasabah | alamat_nasabah |  
+-----+  
| Agus Hudiman | Jl. Kalimantan 23 |  
| Amirudin Jamal | Jl. Kebon Jeruk 40 |  
| Bryan Hermansyah | Jl. Papua 30 |  
| Budi Eko Prayogo | Jl. Kantil 30 |  
| Budi Mutono | Jl. Merak 22 |  
| Budi Sudarsono | Jl. Merdeka 26 |  
| Canka Lokananta | Jl. Tidar 86 |  
| Hamirudin Sugiarto | Jl. Kelapa Muda 13 |  
| Indri Hapsari | Jalan Slamet Riyadi No.34 |  
| Kartika Padmasari | Jl. Manggis 15 |  
| Maryati | Jl. MT.Haryono 31 |  
| Nopal Rahmatdan | Jl. Sumatra 30 |  
| Rahmat Hamirudin | Jl. Kelengkeng 38 |  
| Sari Murti | Jl. Pangandaran 11 |  
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |  
| Sukijan | Jl. Margoda 22 |  
| Suparman | Jl. Hasanudin 81 |  
| Sutopo | Jl. Jendral Sudirman 12 |  
| Taufik Hidayat | Jl. Kuningan 12 |  
| Udin Samsul | Jl. Tanah Abang 92 |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> 
```

No 2

```
Activities Terminal Mar 31 9:14 PM kintosi@pop-os: ~  
+-----+  
6 rows in set (0.00 sec)  
  
mysql> 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 | 500000 |  
| kredit | 700000 |  
| kredit | 30000 |  
| kredit | 300000 |  
| kredit | 200000 |  
| kredit | 40000 |  
| kredit | 100000 |  
| kredit | 20000 |  
| kredit | 60000 |  
+-----+  
23 rows in set (0.05 sec)  
  
mysql> 
```

No 3

```
Activities Terminal Mar 31 9:16 PM
kintosi@pop-os: ~
+-----+
| 29 | 7 | 109 | debit | 2009-12-05 00:00:00 | 100000 |
| 30 | 9 | 110 | debit | 2009-12-06 00:00:00 | 20000 |
| 31 | 11 | 114 | debit | 2009-12-07 00:00:00 | 50000 |
| 32 | 12 | 115 | debit | 2009-12-07 00:00:00 | 100000 |
| 33 | 13 | 116 | kredit | 2009-12-08 00:00:00 | 20000 |
| 34 | 14 | 117 | debit | 2009-12-09 00:00:00 | 200000 |
| 35 | 15 | 118 | kredit | 2009-12-09 00:00:00 | 500000 |
| 36 | 16 | 119 | kredit | 2009-12-10 00:00:00 | 700000 |
| 37 | 17 | 120 | kredit | 2009-12-11 00:00:00 | 30000 |
| 38 | 18 | 121 | debit | 2009-12-11 00:00:00 | 80000 |
| 39 | 19 | 122 | debit | 2009-12-12 00:00:00 | 90000 |
| 40 | 20 | 123 | debit | 2009-12-12 00:00:00 | 300000 |
| 41 | 20 | 123 | kredit | 2009-12-12 00:00:00 | 300000 |
| 42 | 19 | 122 | kredit | 2009-12-12 00:00:00 | 200000 |
| 43 | 18 | 121 | kredit | 2009-12-12 00:00:00 | 40000 |
| 44 | 17 | 120 | debit | 2009-12-13 00:00:00 | 60000 |
| 45 | 16 | 119 | debit | 2009-12-14 00:00:00 | 70000 |
| 46 | 15 | 118 | debit | 2009-12-15 00:00:00 | 80000 |
| 47 | 14 | 117 | kredit | 2009-12-16 00:00:00 | 100000 |
| 48 | 13 | 116 | debit | 2009-12-16 00:00:00 | 200000 |
| 49 | 12 | 115 | kredit | 2009-12-17 00:00:00 | 20000 |
| 50 | 11 | 114 | kredit | 2009-12-18 00:00:00 | 60000 |
+-----+
50 rows in set (0.00 sec)

mysql> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal='2009-11-21';
+-----+
| jenis_transaksi | jumlah |
+-----+
| debit          | 40000 |
+-----+
1 row in set (0.00 sec)

mysql>
```

No 4

```
Activities Terminal Apr 2 8:54 AM
kintosi@pop-os: ~
kintosi@pop-os: ~
kintosi@pop-os: ~
+-----+
| kredit |
| kredit |
| debit  |
| debit  |
| debit  |
| kredit |
| kredit |
| debit  |
| debit  |
| debit  |
| kredit |
| kredit |
| debit  |
| debit  |
+-----+
24 rows in set (0.17 sec)

mysql> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE jumlah = 20000 AND id_nasabah = id_nasabahFK;
+-----+
| 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 |
| Bryan Hermansyah | kredit | 20000 |
| Nopal Rahmatdan  | kredit | 20000 |
+-----+
7 rows in set (0.04 sec)

mysql>
```

No 5

```
Activities Terminal Mar 31 9:31 PM kintosi@pop-os: ~  
+-----+  
1 | Sutopo | Jl. Jendral Sudirman 12 |  
2 | Maryati | Jl. MT.Haryono 31 |  
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 |  
7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |  
8 | Sari Murti | Jl. Pangandaran 11 |  
9 | Canka Lokananta | Jl. Tidar 86 |  
10 | Budi Mutono | Jl. Merak 22 |  
11 | Agus Hudiman | Jl. Kalimantan 23 |  
12 | Nopal Rahmatdan | Jl. Sumatra 30 |  
13 | Bryan Hermansyah | Jl. Papua 30 |  
14 | Budi Sudarsono | Jl. Merdeka 26 |  
15 | Rahmat Hamirudin | Jl. Kelengkeng 38 |  
16 | Amirudin Jamal | Jl. Kebon Jeruk 40 |  
17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |  
18 | Taufik Hidayat | Jl. Kuningan 12 |  
19 | Udin Samsul | Jl. Tanah Abang 92 |  
20 | Sukijan | Jl. Margoda 22 |  
+-----+  
20 rows in set (0.00 sec)  
  
mysql> 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 |  
| Sukijan | Jl. Margoda 22 |  
+-----+  
3 rows in set (0.00 sec)  
  
mysql> 
```

No 6 Transaksi diatas Rp 100.000,00 dan Harus debit.

```
Activities Terminal Mar 31 9:35 PM kintosi@pop-os: ~  
+-----+  
36 | 16 | 119 | kredit | 2009-12-10 00:00:00 | 700000 |  
37 | 17 | 120 | kredit | 2009-12-11 00:00:00 | 30000 |  
38 | 18 | 121 | debit | 2009-12-11 00:00:00 | 80000 |  
39 | 19 | 122 | debit | 2009-12-12 00:00:00 | 90000 |  
40 | 20 | 123 | debit | 2009-12-12 00:00:00 | 300000 |  
41 | 20 | 123 | kredit | 2009-12-12 00:00:00 | 300000 |  
42 | 19 | 122 | kredit | 2009-12-12 00:00:00 | 200000 |  
43 | 18 | 121 | kredit | 2009-12-12 00:00:00 | 40000 |  
44 | 17 | 120 | debit | 2009-12-13 00:00:00 | 60000 |  
45 | 16 | 119 | debit | 2009-12-14 00:00:00 | 70000 |  
46 | 15 | 118 | debit | 2009-12-15 00:00:00 | 80000 |  
47 | 14 | 117 | kredit | 2009-12-16 00:00:00 | 100000 |  
48 | 13 | 116 | debit | 2009-12-16 00:00:00 | 200000 |  
49 | 12 | 115 | kredit | 2009-12-17 00:00:00 | 20000 |  
50 | 11 | 114 | kredit | 2009-12-18 00:00:00 | 60000 |  
+-----+  
50 rows in set (0.00 sec)  
  
mysql> SELECT * FROM transaksi WHERE jumlah >= 100000 AND jenis_transaksi = 'debit';  
+-----+  
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |  
+-----+  
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 |  
| 11 | 2 | 103 | debit | 2009-11-19 00:00:00 | 100000 |  
| 19 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |  
| 29 | 7 | 109 | debit | 2009-12-05 00:00:00 | 100000 |  
| 32 | 12 | 115 | debit | 2009-12-07 00:00:00 | 100000 |  
| 34 | 14 | 117 | debit | 2009-12-09 00:00:00 | 200000 |  
| 40 | 20 | 123 | debit | 2009-12-12 00:00:00 | 300000 |  
| 48 | 13 | 116 | debit | 2009-12-16 00:00:00 | 200000 |  
+-----+  
8 rows in set (0.00 sec)  
  
mysql> 
```

No 7 Transaksi kredit yang memiliki jumlah diatas sama dengan 50000 dan maksimal sama dengan 100000.

```
Activities Terminal Mar 31 9:42 PM kintosi@pop-os: ~  
+-----+  
| 108 | BRUB | 0000 | 5000000 |  
| 109 | BRUB | 9999 | 0 |  
| 110 | BRUY | 1234 | 5500000 |  
| 111 | BRUK | 4321 | 1500000 |  
| 112 | BRUK | 0123 | 3000000 |  
| 113 | BRUY | 8888 | 255000 |  
| 114 | BRUJ | 5678 | 200000 |  
| 115 | BRUT | 8765 | 300000 |  
| 116 | BRUP | 9090 | 500000 |  
| 117 | BRUD | 1212 | 1000000 |  
| 118 | BRUL | 2323 | 5000000 |  
| 119 | BRUC | 3434 | 400000 |  
| 120 | BRUN | 4545 | 10000000 |  
| 121 | BRUA | 5656 | 3000000 |  
| 122 | BRUG | 6767 | 8000000 |  
| 123 | BRUH | 7878 | 7000000 |  
+-----+  
23 rows in set (0.00 sec)  
  
mysql> SELECT * FROM transaksi WHERE jenis_transaksi = 'kredit' AND jumlah >= 50000 AND jumlah <= 100000;  
+-----+  
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |  
+-----+  
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 |  
| 15 | 1 | 104 | kredit | 2009-11-22 00:00:00 | 100000 |  
| 20 | 3 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |  
| 22 | 3 | 105 | kredit | 2009-11-28 00:00:00 | 100000 |  
| 27 | 2 | 103 | kredit | 2009-12-05 00:00:00 | 100000 |  
| 47 | 14 | 117 | kredit | 2009-12-16 00:00:00 | 100000 |  
| 50 | 11 | 114 | kredit | 2009-12-18 00:00:00 | 60000 |  
+-----+  
7 rows in set (0.00 sec)  
  
mysql> 
```

No 8 Mengurutkan cabang bank sesuai dengan nama cabang dan dibatasi 5 nama cabang bank dan dimulai dari 2 paling atas.

```
Activities Terminal Mar 31 9:48 PM kintosi@pop-os: ~  
mysql> SELECT * FROM cabang_bank ORDER BY nama_cabang  
-> ;  
+-----+  
| kode_bank | nama_cabang | alamat_cabang |  
+-----+  
| BRUA | Bank Rut Unit Ambon | Jl. Hasanudin 34 |  
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |  
| BRUC | Bank Rut Unit Cirebon | Jl. Diponegoro 83 |  
| BRUD | Bank Rut Unit Dumai | Jl. Lombok 29 |  
| BRUG | Bank Rut Unit Gorontalo | Jl. Munir 48 |  
| BRUH | Bank Rut Unit Halmahera | Jl. Sucoko 24 |  
| BRUJ | Bank Rut Unit Jakarta | Jl. Permei Indah 20 |  
| BRUK | Bank Rut Unit Klaten | Jl. Suparman 23 |  
| BRUL | Bank Rut Unit Lamongan | Jl. Puti 30 |  
| BRUM | Bank Rut Unit Magelang | Jl. P. Tendean 63 |  
| BRUN | Bank Rut Unit Ngawi | Jl. Sultan Agung 28 |  
| BRUP | Bank Rut Unit Palangkaraya | Jl. Bali 13 |  
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |  
| BRUT | Bank Rut Unit Tasikmalaya | Jl. Gajah Mada 17 |  
| BRUW | Bank Rut Unit Wonogiri | Jalan A. Yani No.23 |  
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |  
+-----+  
16 rows in set (0.01 sec)  
  
mysql> SELECT * FROM cabang_bank ORDER BY nama_cabang LIMIT 5 OFFSET 2;  
+-----+  
| kode_bank | nama_cabang | alamat_cabang |  
+-----+  
| BRUC | Bank Rut Unit Cirebon | Jl. Diponegoro 83 |  
| BRUD | Bank Rut Unit Dumai | Jl. Lombok 29 |  
| BRUG | Bank Rut Unit Gorontalo | Jl. Munir 48 |  
| BRUH | Bank Rut Unit Halmahera | Jl. Sucoko 24 |  
| BRUJ | Bank Rut Unit Jakarta | Jl. Permei Indah 20 |  
+-----+  
5 rows in set (0.00 sec)
```


No 9 Menampilkan Id Karyawan, nama koki, dan jabatan namun hanya memiliki jabatan koki dan seorang pekerja tetap dan bukan magang

```
Activities Terminal Apr 1 8:28 AM kintosi@pop-os: ~  
mysql> SELECT * FROM koki  
koki.koki.magang_id_magangFK  
koki.id_koki koki.nama_koki  
koki.jabatan koki.tetap_noid_tetapFK  
koki.karyawan_id_karyawanFK koki_id_kokiFK  
mysql> SELECT * FROM koki;  
+-----+-----+-----+-----+-----+-----+  
| id_koki | karyawan_id_karyawanFK | magang_id_magangFK | tetap_noid_tetapFK | nama_koki | jabatan |  
+-----+-----+-----+-----+-----+-----+  
| 901 | 511 | NULL | 1104 | Irawan | Kepala koki |  
| 902 | 512 | NULL | 1105 | Agung | Kepala koki |  
| 903 | 513 | 1101 | NULL | Mukhti | Koki |  
| 904 | 514 | 1102 | NULL | Hermansyah | Koki |  
| 905 | 515 | 1103 | NULL | Arifin | Koki |  
| 906 | 516 | NULL | 1106 | Bunga | Koki |  
| 907 | 517 | NULL | 1107 | Panigoro | Asisten Kepala Koki |  
| 908 | 518 | NULL | 1108 | Alip | Koki |  
| 909 | 519 | NULL | 1109 | Nopal | Koki |  
| 910 | 520 | NULL | 1110 | Hudi | Asisten Kepala Koki |  
+-----+-----+-----+-----+-----+-----+  
10 rows in set (0.10 sec)  
  
mysql> SELECT karyawan_id_karyawanFK, nama_koki, jabatan FROM koki WHERE jabatan = 'Koki' AND magang_id_magangFK IS NULL;  
+-----+-----+-----+  
| karyawan_id_karyawanFK | nama_koki | jabatan |  
+-----+-----+-----+  
| 516 | Bunga | Koki |  
| 518 | Alip | Koki |  
| 519 | Nopal | Koki |  
+-----+-----+-----+  
3 rows in set (0.00 sec)  
  
mysql> 
```

No 10 Menampilkan id koki, nama koki dan jabatan dengan jabatan bukan kepala koki dan merupakan pegawai tetap. Kemudian diurutkan sesuai dengan nama koki dan dibatasi dengan 4 dan nama diatas tidak dihitung.

```
Activities Terminal Apr 1 8:41 AM kintosi@pop-os: ~  
+-----+-----+-----+  
| 907 | Panigoro | Asisten Kepala Koki |  
+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
mysql> SELECT * FROM koki;  
+-----+-----+-----+-----+-----+-----+  
| id_koki | karyawan_id_karyawanFK | magang_id_magangFK | tetap_noid_tetapFK | nama_koki | jabatan |  
+-----+-----+-----+-----+-----+-----+  
| 901 | 511 | NULL | 1104 | Irawan | Kepala koki |  
| 902 | 512 | NULL | 1105 | Agung | Kepala koki |  
| 903 | 513 | 1101 | NULL | Mukhti | Koki |  
| 904 | 514 | 1102 | NULL | Hermansyah | Koki |  
| 905 | 515 | 1103 | NULL | Arifin | Koki |  
| 906 | 516 | NULL | 1106 | Bunga | Koki |  
| 907 | 517 | NULL | 1107 | Panigoro | Asisten Kepala Koki |  
| 908 | 518 | NULL | 1108 | Alip | Koki |  
| 909 | 519 | NULL | 1109 | Nopal | Koki |  
| 910 | 520 | NULL | 1110 | Hudi | Asisten Kepala Koki |  
+-----+-----+-----+-----+-----+-----+  
10 rows in set (0.00 sec)  
  
mysql> SELECT id_koki, nama_koki, jabatan FROM koki WHERE jabatan != 'Kepala koki' AND magang_id_magangFK IS NULL ORDER BY nama_koki LIMIT 4 OFFSET 1;  
+-----+-----+-----+  
| id_koki | nama_koki | jabatan |  
+-----+-----+-----+  
| 906 | Bunga | Koki |  
| 910 | Hudi | Asisten Kepala Koki |  
| 909 | Nopal | Koki |  
| 907 | Panigoro | Asisten Kepala Koki |  
+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
mysql> 
```

No 11

1 Menampilkan nama_nasabah dengan string 'Su'

```
Activities Terminal Apr 1 7:21 PM
kintosi@pop-os: ~

kintosi@pop-os: ~
mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE 'Su%';
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 20 | Sukijan | Jl. Margoda 22 |
+-----+-----+-----+
3 rows in set (0.11 sec)

mysql> SELECT * FROM nasabah WHERE nama_nasabah LIKE '%Su%';
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 14 | Budi Sudarsono | Jl. Merdeka 26 |
| 17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |
| 19 | Udin Samsul | Jl. Tanah Abang 92 |
| 20 | Sukijan | Jl. Margoda 22 |
+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

2 Tampilkan nama_nasabah yang berasal dari satu cabang yang sama

```
Activities Terminal Apr 1 7:53 PM
kintosi@pop-os: ~

kintosi@pop-os: ~
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUB' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
+-----+-----+-----+
| nama_nasabah | no_rekening | kode_cabangFK |
+-----+-----+-----+
| Satria Eka Jaya | 109 | BRUB |
| Indri Hapsari | 109 | BRUB |
| Budi Mutono | 108 | BRUB |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUC' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
+-----+-----+-----+
| nama_nasabah | no_rekening | kode_cabangFK |
+-----+-----+-----+
| Amirudin Jamal | 119 | BRUC |
+-----+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUD' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
+-----+-----+-----+
| nama_nasabah | no_rekening | kode_cabangFK |
+-----+-----+-----+
| Budi Sudarsono | 117 | BRUD |
+-----+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUG' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
+-----+-----+-----+
| nama_nasabah | no_rekening | kode_cabangFK |
+-----+-----+-----+
```



```
Activities Terminal Apr 1 7:53 PM kintosi@pop-os: ~
```

```
kintosi@pop-os: ~
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUG' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Udin Samsul	122	BRUG

```
1 row in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUH' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Sukijan	123	BRUH

```
1 row in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUJ' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Agus Hudiman	114	BRUJ

```
1 row in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUK' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Sari Murti	111	BRUK

```
Activities Terminal Apr 1 7:53 PM kintosi@pop-os: ~
```

```
kintosi@pop-os: ~
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUJ' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Agus Hudiman	114	BRUJ

```
1 row in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUK' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Sari Murti	111	BRUK
Sari Murti	112	BRUK

```
2 rows in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUL' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
Rahmat Hamirudin	118	BRUL

```
1 row in set (0.01 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUM' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;
```

nama_nasabah	no_rekening	kode_cabangFK
--------------	-------------	---------------

```
Activities Terminal Apr 1 7:53 PM kintosi@pop-os: ~  
kintosi@pop-os: - x kintosi@pop-os: - x  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUM' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Sutopo       | 104         | BRUM          |  
| Suparman     | 105         | BRUM          |  
+-----+-----+-----+  
2 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUN' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Hamirudin Sugiarto | 120         | BRUN          |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUP' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Bryan Hermansyah | 116         | BRUP          |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Maryati      | 103         | BRUS          |  
| Suparman     | 106         | BRUS          |  
| Kartika Padmasari | 101         | BRUS          |  
| Kartika Padmasari | 107         | BRUS          |  
| Budi Eko Prayogo | 102         | BRUS          |  
| Budi Eko Prayogo | 107         | BRUS          |  
+-----+-----+-----+  
6 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUT' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Nopal Rahmatdan | 115         | BRUT          |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUW' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
Empty set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUY' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Gaska Laksono | 110         | BRUY          |  
+-----+-----+-----+
```

```
Activities Terminal Apr 1 7:53 PM kintosi@pop-os: ~  
kintosi@pop-os: - x kintosi@pop-os: - x  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Maryati      | 103         | BRUS          |  
| Suparman     | 106         | BRUS          |  
| Kartika Padmasari | 101         | BRUS          |  
| Kartika Padmasari | 107         | BRUS          |  
| Budi Eko Prayogo | 102         | BRUS          |  
| Budi Eko Prayogo | 107         | BRUS          |  
+-----+-----+-----+  
6 rows in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUT' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Nopal Rahmatdan | 115         | BRUT          |  
+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUW' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
Empty set (0.00 sec)  
  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUY' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+-----+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+-----+-----+  
| Gaska Laksono | 110         | BRUY          |  
+-----+-----+-----+
```

```
Activities Terminal Apr 1 7:53 PM kintosi@pop-os: ~
```

```
kintosi@pop-os: ~  
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUT' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+  
| Nopal Rahmatdan | 115 | BRUT |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUW' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
Empty set (0.00 sec)
```

```
mysql> SELECT nama_nasabah, no_rekening, kode_cabangFK FROM nasabah, nasabah_has_rekening, rekening WHERE kode_cabangFK = 'BRUY' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+  
| nama_nasabah | no_rekening | kode_cabangFK |  
+-----+  
| Canka Lokananta | 110 | BRUY |  
| Budi Mutono | 113 | BRUY |  
+-----+  
2 rows in set (0.00 sec)
```

```
mysql>
```

3 Tampilkan nama_nasabah yang berasal dari satu cabang_bank yang sama dan memiliki jenis transaksi kredit atau debit

Menampilkan jenis transaksi kredit dan debit dijadikan satu

```
Activities Terminal Apr 1 8:13 PM kintosi@pop-os: ~
```

```
kintosi@pop-os: ~  
mysql> SELECT nama_nasabah FROM nasabah, transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND id_nasabah = id_nasabahFK;  
+-----+  
| nama_nasabah |  
+-----+  
| Maryati |  
| Kartika Padmasari |  
| Suparman |  
| Budi Eko Prayogo |  
| Budi Eko Prayogo |  
| Kartika Padmasari |  
| Maryati |  
| Kartika Padmasari |  
| Kartika Padmasari |  
| Maryati |  
| Budi Eko Prayogo |  
| Suparman |  
| Maryati |  
| Budi Eko Prayogo |  
| Maryati |  
| Kartika Padmasari |  
| Maryati |  
| Budi Eko Prayogo |  
+-----+  
18 rows in set (0.00 sec)
```

```
mysql> SELECT nama_nasabah FROM nasabah, transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND jenis_transaksi = 'debit' AND id_nasabah = id_nasabahFK;  
+-----+  
| nama_nasabah |  
+-----+  
| Maryati |  
+-----+
```

Menampilkan jenis transaksi Debit dan Kredit dipisah

```
Activities Terminal Apr 1 8:13 PM
kintosi@pop-os: ~

mysql> SELECT nama_nasabah FROM nasabah, transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND jenis_transaksi = 'debit' AND id_nasabah = id_nasabahFK;
+-----+
| nama_nasabah |
+-----+
| Maryati      |
| Superman     |
| Budi Eko Prayogo |
| Kartika Padmasari |
| Maryati      |
| Maryati      |
| Budi Eko Prayogo |
| Budi Eko Prayogo |
| Maryati      |
| Kartika Padmasari |
+-----+
10 rows in set (0.00 sec)

mysql> SELECT nama_nasabah FROM nasabah, transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening AND jenis_transaksi = 'kredit' AND id_nasabah = id_nasabahFK;
+-----+
| nama_nasabah |
+-----+
| Kartika Padmasari |
| Budi Eko Prayogo |
| Kartika Padmasari |
| Kartika Padmasari |
| Superman          |
| Maryati           |
| Maryati           |
| Budi Eko Prayogo |
+-----+
```

4 Menampilkan transaksi nasabah yang berasal dari cabang bank yang sama.

```
Activities Terminal Apr 1 8:19 PM
kintosi@pop-os: ~

-----+
18 rows in set (0.00 sec)

mysql> SELECT transaksi FROM transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening;
ERROR 1054 (42S22): Unknown column 'transaksi' in 'field list'
mysql> SELECT no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah FROM transaksi, rekening WHERE kode_cabangFK = 'BRUS' AND no_rekeningFK = no_rekening;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal          | jumlah |
+-----+-----+-----+-----+-----+-----+
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 |
| 11 | 2 | 103 | debit | 2009-11-19 00:00:00 | 100000 |
| 13 | 4 | 107 | kredit | 2009-11-20 00:00:00 | 200000 |
| 16 | 4 | 101 | kredit | 2009-11-22 00:00:00 | 20000 |
| 17 | 2 | 103 | debit | 2009-11-22 00:00:00 | 50000 |
| 18 | 5 | 102 | debit | 2009-11-25 00:00:00 | 50000 |
| 20 | 3 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
| 21 | 2 | 103 | kredit | 2009-11-28 00:00:00 | 200000 |
| 23 | 5 | 102 | debit | 2009-11-30 00:00:00 | 20000 |
| 25 | 2 | 103 | debit | 2009-12-02 00:00:00 | 40000 |
| 26 | 4 | 101 | debit | 2009-12-04 00:00:00 | 50000 |
| 27 | 2 | 103 | kredit | 2009-12-05 00:00:00 | 100000 |
| 28 | 5 | 102 | kredit | 2009-12-05 00:00:00 | 200000 |
+-----+-----+-----+-----+-----+-----+
18 rows in set (0.00 sec)

mysql> 
```

5 Menampilkan transaksi nasabah yang berasal dari cabang Surakarta dan Boyolali

```
Activities Terminal Apr 2 8:49 AM kintosi@pop-os: ~
```

```
mysql> 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
debit
kredit
kredit
kredit
debit
debit
debit
kredit
kredit
debit
debit
debit
kredit
kredit
debit
debit

```
24 rows in set (0.17 sec)
```

```
mysql>
```