

NAMA : DANANG AJI NUGROHO

NIM : L200180015

KELAS : A

```
? rows in set (0.04 sec)

MariaDB [perbankan]>
MariaDB [perbankan]> select transaksi.tanggal,nasabah.nama_nasabah,where transaksi.tanggal BETWEEN '2009-11-15' AND '200
9-11-20' AND nasabah.id_nasabah=transaksi.id_nasabahFK order by transaksi.tanggal,nasabah.nama_nasabah;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near 'where transaksi.tanggal BETWEEN '2009-11-15' AND '2009-11-20' AND nasabah.id_nas' a
t line 1
MariaDB [perbankan]> select transaksi.tanggal,nasabah.nama_nasabah,transaksi.jenis_transaksi,transaksi.jumlah from nasab
ah,transaksi where transaksi.tanggal BETWEEN '2009-11-15' AND '2009-11-20' AND nasabah.id_nasabah=transaksi.id_nasabahFK
order by transaksi.tanggal,nasabah.nama_nasabah;
+-----+-----+-----+-----+
| tanggal | nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+-----+
| 2009-11-15 00:00:00 | Canka Lokananta | kredit | 150000 |
| 2009-11-15 00:00:00 | Sutopo | kredit | 200000 |
| 2009-11-16 00:00:00 | Budi Eko Prayogo | debit | 20000 |
| 2009-11-18 00:00:00 | Suparman | kredit | 50000 |
| 2009-11-19 00:00:00 | Kartika Padmasari | debit | 100000 |
| 2009-11-19 00:00:00 | Haryati | debit | 100000 |
| 2009-11-19 00:00:00 | Sutopo | debit | 50000 |
| 2009-11-20 00:00:00 | Kartika Padmasari | kredit | 200000 |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

MariaDB [perbankan]> select transaksi.jenis_transaksi as "Jenis Transaksi", sum(jumlah) as "Jumlah (Rp)" from transaksi
group by
->
-> transaksi.jenis_transaksi order by transaksi.jenis_transaksi;
+-----+-----+
| Jenis Transaksi | Jumlah (Rp) |
+-----+-----+
| debit | 22891000 |
| kredit | 29770000 |
+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]>
MariaDB [perbankan]> select jenis_transaksi as "Jenis Transaksi",MAX(jumlah)AS "Transaksi Terbesar",MIN(jumlah) AS "Tran
saksi Terkecil"from
->
-> transaksi group by transaksi.jenis_transaksi order by transaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Transaksi Terbesar | Transaksi Terkecil |
+-----+-----+-----+
| debit | 97000000 | 20000 |
| kredit | 520000 | 20000 |
+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]> select jenis_transaksi as "Jenis Transaksi",SUM(jumlah) as "Jumlah(Rp)",COUNT(jumlah) as "Jumlah Tr
ansaksi" from transaksi where tanggal between '2009-11-1'and '2009-11-30' group by transaksi.jenis_transaksi order by tr
ansaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Jumlah(Rp) | Jumlah Transaksi |
+-----+-----+-----+
| debit | 22891000 | 1 |
| kredit | 29770000 | 1 |
+-----+-----+-----+
2 rows in set (0.00 sec)

on transaksi where tanggal between '2009-11-1' and '2009-11-30' group by transaksi.jenis_transaksi order by transaksi.je
nis_transaksi;
->
->
-> exit
->
```

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Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\LABSI-19>cd..
C:\Users>cd..
C:\>cd xamp
The system cannot find the path specified.
C:\>cd xampp
C:\xampp>cd mysql
C:\xampp\mysql>cd bin
C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 10.1.37-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)]> show databases
+-----+
| Database |
+-----+
| information_schema |
| modul17 |
| mysql |
| perbankan |
| performance_schema |
| phpmyadmin |
| test |
+-----+
8 rows in set (0.22 sec)

MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> select transaksi.tanggal,transaksi.jenis_transaksi,transaksi.jumlah from nasabah,transaksi where na
sabah.id_nasabah=transaksi.id_nasabahFK and nasabah.nama_nasabah IN('Sutopo','Canka Lokananta')order by transaksi.tangg
al;
+-----+-----+-----+
| tanggal | jenis_transaksi | jumlah |
+-----+-----+-----+
| 2009-11-15 00:00:00 | kredit | 150000 |
| 2009-11-15 00:00:00 | kredit | 200000 |
| 2009-11-19 00:00:00 | debit | 50000 |
| 2009-11-22 00:00:00 | kredit | 100000 |
| 2009-12-01 00:00:00 | debit | 50000 |
| 2009-12-06 00:00:00 | debit | 20000 |
| 2017-05-26 00:00:00 | kredit | 520000 |
+-----+-----+-----+
7 rows in set (0.04 sec)
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nis_transaksi;
  >
  > exit
  >
  > Bye
Ctrl-C -- exit!

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 29
Server version: 10.1.37-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)]> select jenis_transaksi as "Jenis Transaksi", sum(jumlah) as "Jumlah (Rp)", count(jumlah) as "Jumlah Tr
ansaksi" from transaksi where tanggal between '2009-11-1' and '2009-11-30' group by transaksi.jenis_transaksi order by t
ransaksi.jenis_transaksi;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> select jenis_transaksi as "Jenis Transaksi", sum(jumlah) as "Jumlah (Rp)", count(jumlah) as "Jumlah
Transaksi" from transaksi where tanggal between '2009-11-1' and '2009-11-30' group by transaksi.jenis_transaksi order b
y transaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Jumlah (Rp) | Jumlah Transaksi |
+-----+-----+-----+
| debit          | 620000     | 12                |
| kredit         | 1120000    | 11                |
+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]> select distinct jenis_transaksi, jumlah as "Jumlah(Rp.)", count(jenis_transaksi) as "Total Transaksi"
 from transaksi I, nasabah N where I.id_nasabah and N.nama_nasabah like "Kartika Padmasari%" GROUP BY I.jenis_transaksi
 order by I.jenis_transaksi;
ERROR 1054 (42S22): Unknown column 'I.id_nasabah' in 'where clause'
MariaDB [perbankan]> select distinct jenis_transaksi, jumlah as "Jumlah(Rp.)", count(jenis_transaksi) as "Total Transaksi"
 from transaksi I, nasabah N where I.id_nasabahFK and N.nama_nasabah like "Kartika Padmasari%" GROUP BY I.jenis_transaks
i order by I.jenis_transaksi;
+-----+-----+-----+
| jenis_transaksi | Jumlah(Rp.) | Total Transaksi |
+-----+-----+-----+
| debit          | 500000     | 27                |
| kredit         | 200000     | 23                |
+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]> select distinct jenis_transaksi, jumlah as "Jumlah(Rp.)", count(jenis_transaksi) as "Total Transaks
i" from transaksi I, nasabah N where I.id_nasabahFK = N.id_nasabah and N.nama_nasabah like "Kartika Padmasari%" group by
I.jenis_transaksi order by I.jenis_transaksi;
+-----+-----+-----+
| jenis_transaksi | Jumlah(Rp.) | Total Transaksi |
+-----+-----+-----+
| debit          | 100000     | 2                |
| kredit         | 20000      | 3                |
+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]> select sum(transaksi.jumlah) as "Jumlah Saldo" FROM transaksi.nasabah where nasabah.id_nasabah = tra
nsaksi.id_nasabahFK and nasabah.nama_nasabah = "Maryati" AND transaksi.jenis_transaksi = "debit";

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nsaksi.id_nasabahFK and nasabah.nama_nasabah = "Maryati"AND transaksi.jenis_transaksi = "debit";
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near 'nasabah = transaksi.id_nasabahFK and nasabah.nama_nasabah = "Maryati"AND transak' a
t line 1
MariaDB [perbankan]>
MariaDB [perbankan]> select sum(transaksi.jumlah) as "Jumlah Saldo" FROM transaksi, nasabah WHERE nasabah.id_nasabah = t
ransaksi.id_nasabahFK AND nasabah.nama_nasabah = "Maryati"AND transaksi.jenis_transaksi = "debit";
+-----+
| Jumlah Saldo |
+-----+
|          777000 |
+-----+
1 row in set (0.00 sec)

MariaDB [perbankan]> select distinct kode_cabang.nama_cabang,count(jumlah)as "Jumlah Transaksi" from cabang_bank C,trans
aksi T, rekening R where C.kode_cabang = R.kode_cabangFK AND T.no_rekeningFK = R.no_rekening GROUP BY C.kode_cabang;
+-----+-----+-----+
| kode_cabang | nama_cabang | Jumlah Transaksi |
+-----+-----+-----+
| BRJB       | Bank Rut Unit Boyolali | 1 |
| BRUK       | Bank Rut Unit Klaten | 2 |
| BRUM       | Bank Rut Unit Magelang | 4 |
| BRUS       | Bank Rut Unit Surakarta | 29 |
| BRUV       | Bank Rut Unit Wonogiri | 4 |
| BRVY       | Bank Rut Unit Yogyakarta | 10 |
+-----+-----+-----+
6 rows in set (0.04 sec)

MariaDB [perbankan]> MariaDB [perbankan]> SELECT nasabah.nama_nasabah as "Nama", rekening.saldo as "J
umlah saldo" from nasabah, rekening where saldo between 500000 and 1000000 group
-> by id_nasabah;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near 'MariaDB [perbankan]> SELECT nasabah.nama_nasabah as "Nama", rekening.saldo as "J' a
t line 1
MariaDB [perbankan]> SELECT nasabah.nama_nasabah as "Nama", rekening.saldo as "J
umlah saldo" from nasabah, rekening where saldo between 500000 and 1000000 group
-> by id_nasabah;
+-----+-----+
| Nama | J |
+-----+-----+
| unlah saldo |
+-----+-----+
| Sutopo | 500000 |
| Maryati | 500000 |
| Suparman | 500000 |
| Kartika Padmasari | 500000 |
| Budi Eko Prayogo | 500000 |
| Satria Eka Jaya | 500000 |
| Indri Wapsari | 500000 |
| Suci Marti | 500000 |
| Canka Lokananta | 500000 |
| Budi Martono | 500000 |
| Joko Mito Mondo | 500000 |
| Jon Koplo | 500000 |
| Anggit | 500000 |
| Alwicky | 500000 |
| Ihsan | 500000 |
| kurnia | 500000 |
| Alex | 500000 |
| Susilo | 500000 |
| Sutopo | 500000 |
| Luceng | 500000 |

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| Alricky      | 500000 |
| Ihean       | 500000 |
| Kurnia      | 500000 |
| Alex        | 500000 |
| Sa'illo     | 500000 |
| Sutopo      | 500000 |
| Luceng      | 500000 |
| Maryati     | 500000 |
+-----+-----+
21 rows in set (0.00 sec)

MariaDB [perbankan]> select N.nama_nasabah as "Nama Nasabah", T.tanggal as 'Tanggal', T.jumlah as 'Jumlah (Rp.)'
-> from nasabah N, transaksi T where N.id_nasabah = T.id_nasabahFK and T.jumlah >= 100000 order
-> by T.jumlah DESC;
+-----+-----+-----+
| Nama Nasabah | Tanggal | Jumlah (Rp.) |
+-----+-----+-----+
| Jon Koplo    | 2017-05-26 00:00:00 | 9700000 |
| Jon Koplo    | 2017-05-26 00:00:00 | 8500000 |
| Anggit       | 2017-06-08 00:00:00 | 700000 |
| Anggit       | 2017-06-08 00:00:00 | 700000 |
| Anggit       | 2017-06-08 00:00:00 | 700000 |
| Anggit       | 2017-05-26 00:00:00 | 700000 |
| Maryati      | 2017-05-24 00:00:00 | 547000 |
| Sutopo       | 2017-05-26 00:00:00 | 520000 |
| Sari Murti   | 2017-05-24 00:00:00 | 357000 |
| Budi Eko Prayogo | 2017-06-14 00:00:00 | 263000 |
| Budi Murtono | 2017-05-24 00:00:00 | 250000 |
| Sutopo       | 2009-11-15 00:00:00 | 200000 |
| Budi Eko Prayogo | 2009-12-05 00:00:00 | 200000 |
| Maryati      | 2009-11-20 00:00:00 | 200000 |
| Kartika Padmasari | 2009-11-20 00:00:00 | 200000 |
| Canka Lokananta | 2009-11-15 00:00:00 | 150000 |
| Indri Hapsari | 2017-05-24 00:00:00 | 130000 |
| Satria Eka Jaya | 2017-05-24 00:00:00 | 125000 |
| Kartika Padmasari | 2009-11-19 00:00:00 | 100000 |
| Maryati      | 2009-11-19 00:00:00 | 100000 |
| Sutopo       | 2009-11-22 00:00:00 | 100000 |
| Budi Murtono | 2009-11-26 00:00:00 | 100000 |
| Suparman     | 2009-11-28 00:00:00 | 100000 |
| Maryati      | 2009-12-05 00:00:00 | 100000 |
| Indri Hapsari | 2009-12-05 00:00:00 | 100000 |
+-----+-----+-----+
25 rows in set (0.00 sec)

MariaDB [perbankan]>
```