

Modul 8

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Kelas : A

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CA\Windows\system32\cmd.exe - mysql -u root
7 rows in set (0.04 sec)

MariaDB [perbankan]>
MariaDB [perbankan]> select transaksi.tanggal,nasabah.nama_nasabah,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;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where transaksi.tanggal BETWEEN '2009-11-15' AND '2009-11-20' AND nasabah.id_nas' at line 1
MariaDB [perbankan]> select transaksi.tanggal,nasabah.nama_nasabah,transaksi.jenis_transaksi,transaksi.jumlah from nasabah,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 | Margati | 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 | 2200000 |
| kredit | 2977000 |
+-----+-----+
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 "Transaksi Terkecil"from
-> transaksi group by transaksi.jenis_transaksi order by transaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Transaksi Terbesar | Transaksi Terkecil |
+-----+-----+-----+
| debit | 9700000 | 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 Transaksi" from transaksi where tanggal between '2009-11-1' and '2009-11-30' group by transaksi.jenis_transaksi order by transaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Jumlah(Rp) | Jumlah Transaksi |
+-----+-----+-----+
| debit | 9700000 | 5 |
| kredit | 520000 | 5 |
+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [perbankan]>
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 by transaksi.jenis_transaksi;
+-----+-----+-----+
| Jenis Transaksi | Jumlah (Rp) | Jumlah Transaksi |
+-----+-----+-----+
| debit | 9700000 | 5 |
| kredit | 520000 | 5 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
CA\Windows\system32\cmd.exe - mysql -u root
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\LABSI-19>cd..
C:\Users>cd..
C:\>cd xampp
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 |
| modul_7 |
| 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 nasabah.id_nasabah=transaksi.id_nasabahFK and nasabah.nama_nasabah IN('Sutopo','Canka Lokananta')order by transaksi.tanggal;
+-----+-----+-----+
| 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)
```

```

C:\Windows\system32\cmd.exe - mysql -u root
mysql> use transaksi;
mysql>
mysql> exit
mysql> 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 "Martika 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 "Martika Padmasari;" GROUP BY I.jenis_transaksi
 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 Transaksi"
 i" from transaksi I, nasabah N where I.id_nasabahFK = N.id_nasabah and N.nama_nasabah like "Martika Padmasari;" group by
 I.jenis_transaksi order by I.jenis_transaksi;
+-----+-----+-----+
| jenis_transaksi | Jumlah (Rp.) | Total Transaksi |
+-----+-----+-----+
| debit           | 100000       | 2                |
| kredit          | 200000       | 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";

```

```

C:\Windows\system32\cmd.exe - mysql -u root
mysql> use transaksi;
mysql>
mysql> exit
mysql> 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 "Martika 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 "Martika Padmasari;" GROUP BY I.jenis_transaksi
 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 Transaksi"
 i" from transaksi I, nasabah N where I.id_nasabahFK = N.id_nasabah and N.nama_nasabah like "Martika Padmasari;" group by
 I.jenis_transaksi order by I.jenis_transaksi;
+-----+-----+-----+
| jenis_transaksi | Jumlah (Rp.) | Total Transaksi |
+-----+-----+-----+
| debit           | 100000       | 2                |
| kredit          | 200000       | 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";
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'
at line 1
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 |
+-----+-----+-----+
| BRUB        | 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                |
| BRUY        | 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 |
+-----+-----+
| Sutopo | 500000 |
| Maryati | 500000 |
| Suparnan | 500000 |
| Kartika Padmasari | 500000 |
| Budi Eko Prayogo | 500000 |
| Satria Eka Jaya | 500000 |
| Indri Hapsari | 500000 |
| Sari Murti | 500000 |
| Canka Lokananta | 500000 |
| Budi Martono | 500000 |
| Joko Mdo Mondo | 500000 |
| Jon Koplo | 500000 |
| Anggit | 500000 |
| Olivicky | 500000 |
| Ihsan | 500000 |
| Kurnia | 500000 |
| Alux | 500000 |
| Susilo | 500000 |
| Sutopo | 500000 |
| Luceng | 500000 |
+-----+-----+

```

```
C:\Windows\system32\cmd.exe - mysql -u root
| Alvicky | 500000 |
| Ihsan | 500000 |
| Aurenia | 500000 |
| Alex | 500000 |
| Susilo | 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 | 2017-06-08 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 | 2017-05-14 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 | 2009-11-28 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]>
```