MODUL 7 (JOIN)

NAMA : Muhammad Rosyad Adi P
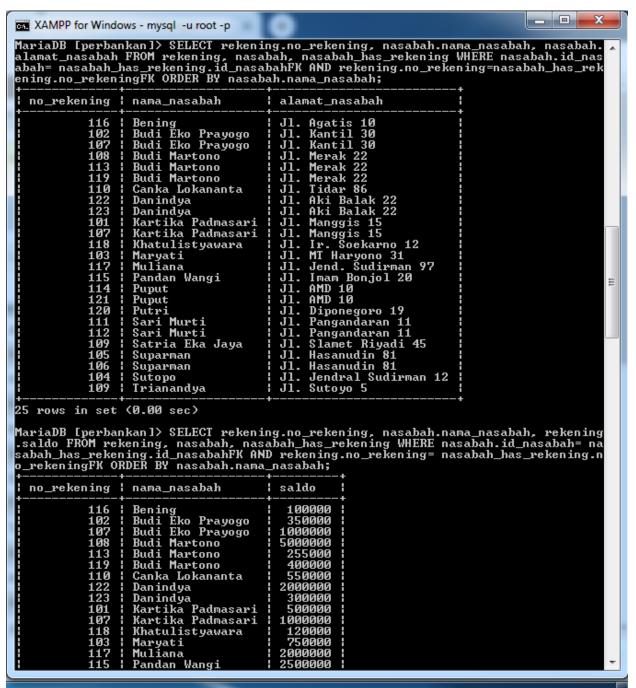
NIM : L200184044

KELAS : H

Langkah – langkah praktikum
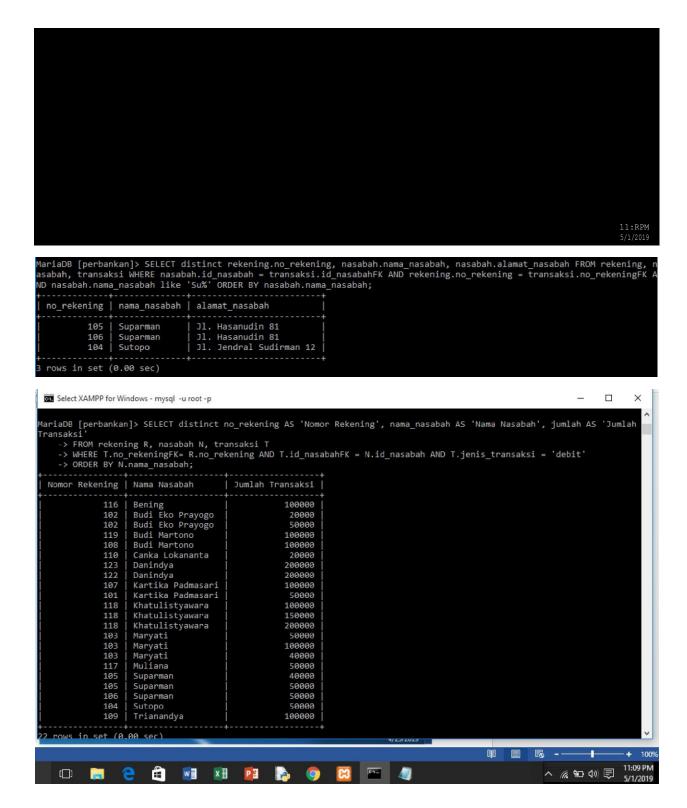
```
MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo
 DESC;
+------------+------+---------+
| no_rekening | pin  | saldo   |
+------------+------+---------+
|        108 | 0000 | 5000000 |
|        106 | 6666 | 3000000 |
|        115 | 1020 | 2500000 |
|        105 | 5555 | 2000000 |
|        117 | 8899 | 2000000 |
|        122 | 2200 | 2000000 |
|        107 | 7777 | 1000000 |
|        104 | 4444 |  900000 |
|        121 | 5500 |  900000 |
|        103 | 3333 |  750000 |
|        110 | 1234 |  550000 |
|        120 | 1144 |  500000 |
|        101 | 1111 |  500000 |
|        119 | 1010 |  400000 |
|        102 | 2222 |  350000 |
|        114 | 1212 |  300000 |
|        112 | 0123 |  300000 |
|        123 | 1997 |  300000 |
|        113 | 8888 |  255000 |
|        111 | 4321 |  150000 |
|        118 | 2233 |  120000 |
|        116 | 9911 |  100000 |
|        109 | 9999 |       0 |
+------------+------+---------+
23 rows in set (0.00 sec)

MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.
alamat_nasabah FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nas
abah= nasabah_has_rekening.id_nasabahFK AND rekening.no_rekening=nasabah_has_rek
ening.no_rekeningFK, ORDER BY 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 ' OR
DER BY nasabah.nama_nasabah' at line 1
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.
alamat_nasabah FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nas
abah= nasabah_has_rekening.id_nasabahFK AND rekening.no_rekening=nasabah_has_rek
ening.no_rekeningFK ORDER BY nasabah.nama_nasabah;
+------------+-----------------+-----------------+
| no_rekening | nama_nasabah    | alamat_nasabah  |
+------------+-----------------+-----------------+
|        116 | Bening          | Jl. Agatis 10   |
|        102 | Budi Eko Prayogo | Jl. Kantil 30   |
|        107 | Budi Eko Prayogo | Jl. Kantil 30   |
|        108 | Budi Martono    | Jl. Merak 22    |
|        113 | Budi Martono    | Jl. Merak 22    |
|        119 | Budi Martono    | Jl. Merak 22    |
|        110 | Canka Lokananta | Jl. Tidar 86    |
|        122 | Danindya        | Jl. Aki Balak 22 |
|        123 | Danindya        | Jl. Aki Balak 22 |
|        101 | Kartika Padmasari | Jl. Manggis 15 |
|        107 | Kartika Padmasari | Jl. Manggis 15 |
```

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```
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.
alamat_nasabah FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nas
abah= nasabah_has_rekening.id_nasabahFK AND rekening.no_rekening=nasabah_has_rek
ening.no_rekeningFK ORDER BY nasabah.nama_nasabah;
```

no_rekening	nama_nasabah	alamat_nasabah
116	Bening	Jl. Agatis 10
102	Budi Eko Prayogo	Jl. Kantil 30
107	Budi Eko Prayogo	Jl. Kantil 30
108	Budi Martono	Jl. Merak 22
113	Budi Martono	Jl. Merak 22
119	Budi Martono	Jl. Merak 22
110	Canka Lokananta	Jl. Tidar 86
122	Danindya	Jl. Aki Balak 22
123	Danindya	Jl. Aki Balak 22
101	Kartika Padmasari	Jl. Manggis 15
107	Kartika Padmasari	Jl. Manggis 15
118	Khatulistyawara	Jl. Ir. Soekarno 12
103	Maryati	Jl. MT Haryono 31
117	Muliana	Jl. Jend. Sudirman 97
115	Pandan Wangi	Jl. Imam Bonjol 20
114	Puput	Jl. AMD 10
121	Puput	Jl. AMD 10
120	Putri	Jl. Diponegoro 19
111	Sari Murti	Jl. Pangandaran 11
112	Sari Murti	Jl. Pangandaran 11
109	Satria Eka Jaya	Jl. Slamet Riyadi 45
105	Suparman	Jl. Hasanudin 81
106	Suparman	Jl. Hasanudin 81
104	Sutopo	Jl. Jendral Sudirman 12
109	Trianandya	Jl. Sutoyo 5

```
25 rows in set (0.00 sec)

MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, rekening
.saldo FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nasabah= na
sabah_has_rekening.id_nasabahFK AND rekening.no_rekening= nasabah_has_rekening.n
o_rekeningFK ORDER BY nasabah.nama_nasabah;
```

no_rekening	nama_nasabah	saldo
116	Bening	100000
102	Budi Eko Prayogo	350000
107	Budi Eko Prayogo	1000000
108	Budi Martono	5000000
113	Budi Martono	255000
119	Budi Martono	400000
110	Canka Lokananta	550000
122	Danindya	2000000
123	Danindya	300000
101	Kartika Padmasari	500000
107	Kartika Padmasari	1000000
118	Khatulistyawara	120000
103	Maryati	750000
117	Muliana	2000000
115	Pandan Wangi	2500000

TUGAS


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

MariaDB [perbankan]> SELECT nasabah.nama_nasabah, nasabah.alamat_nasabah, transa
ksi.jenis_transaksi, transaksi.jumlah FROM nasabah, transaksi WHERE nasabah.id_n
asabah= transaksi.id_nasabahFK AND transaksi.jenis_transaksi='kredit' ORDER BY n
asabah.nama_nasabah;
+-------------------+----------------------+------------------+--------+
| nama_nasabah      | alamat_nasabah       | jenis_transaksi  | jumlah |
+-------------------+----------------------+------------------+--------+
| Budi Eko Prayogo  | Jl. Kantil 30        | kredit           |  30000 |
| Budi Eko Prayogo  | Jl. Kantil 30        | kredit           | 200000 |
| Budi Martono      | Jl. Merak 22         | kredit           | 130000 |
| Canka Lokananta   | Jl. Tidar 86         | kredit           | 150000 |
| Danindya          | Jl. Aki Balak 22     | kredit           |  25000 |
| Danindya          | Jl. Aki Balak 22     | kredit           |  50000 |
| Kartika Padmasari | Jl. Manggis 15       | kredit           | 200000 |
| Kartika Padmasari | Jl. Manggis 15       | kredit           |  20000 |
| Kartika Padmasari | Jl. Manggis 15       | kredit           |  20000 |
| Maryati           | Jl. MT Haryono 31    | kredit           | 100000 |
| Maryati           | Jl. MT Haryono 31    | kredit           | 200000 |
| Pandan Wangi      | Jl. Imam Bonjol 20   | kredit           |  80000 |
| Pandan Wangi      | Jl. Imam Bonjol 20   | kredit           |  50000 |
| Puput             | Jl. AMD 10           | kredit           | 125000 |
| Puput             | Jl. AMD 10           | kredit           | 125000 |
| Puput             | Jl. AMD 10           | kredit           | 150000 |
| Puput             | Jl. AMD 10           | kredit           |  20000 |
| Putri             | Jl. Diponegoro 19    | kredit           |  50000 |
| Putri             | Jl. Diponegoro 19    | kredit           | 175000 |
| Suparman          | Jl. Hasanudin 81     | kredit           |  50000 |
| Suparman          | Jl. Hasanudin 81     | kredit           |  50000 |
| Suparman          | Jl. Hasanudin 81     | kredit           | 100000 |
| Sutopo            | Jl. Jendral Sudirman 12 | kredit        | 200000 |
| Sutopo            | Jl. Jendral Sudirman 12 | kredit        | 100000 |
+-------------------+----------------------+------------------+--------+
24 rows in set (0.00 sec)

MariaDB [perbankan]>
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, transaks
i.jenis_transaksi, transaksi.jumlah FROM rekening, nasabah, transaksi WHERE nasa
bah.id_nasabah= transaksi.id_nasabahFK AND rekening.no_rekening = transaksi.no_r
ekeningFK AND transaksi.tanggal='2009-11-21' ORDER BY nasabah.nama_nasabah;
+-------------+--------------+------------------+--------+
| no_rekening | nama_nasabah | jenis_transaksi  | jumlah |
+-------------+--------------+------------------+--------+
|         105 | Suparman     | debit            |  40000 |
+-------------+--------------+------------------+--------+
1 row in set (0.00 sec)

MariaDB [perbankan]>
```

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```
MariaDB [perbankan]> SELECT distinct rekening.no_rekening, nasabah.nama_nasabah, nasabah.alamat_nasabah FROM rekening, n
asabah, transaksi WHERE nasabah.id_nasabah = transaksi.id_nasabahFK AND rekening.no_rekening = transaksi.no_rekeningFK A
ND nasabah.nama_nasabah like 'Su%' ORDER BY nasabah.nama_nasabah;
+-------------+--------------+------------------------+
| no_rekening | nama_nasabah | alamat_nasabah         |
+-------------+--------------+------------------------+
|         105 | Suparman     | Jl. Hasanudin 81       |
|         106 | Suparman     | Jl. Hasanudin 81       |
|         104 | Sutopo       | Jl. Jendral Sudirman 12|
+-------------+--------------+------------------------+
3 rows in set (0.00 sec)
```

Select XAMPP for Windows - mysql -u root -p — □ ×

```
MariaDB [perbankan]> SELECT distinct no_rekening AS 'Nomor Rekening', nama_nasabah AS 'Nama Nasabah', jumlah AS 'Jumlah
Transaksi'
    -> FROM rekening R, nasabah N, transaksi T
    -> WHERE T.no_rekeningFK= R.no_rekening AND T.id_nasabahFK = N.id_nasabah AND T.jenis_transaksi = 'debit'
    -> ORDER BY N.nama_nasabah;
+----------------+-------------------+-------------------+
| Nomor Rekening | Nama Nasabah      | Jumlah Transaksi  |
+----------------+-------------------+-------------------+
|            116 | Bening            |            100000 |
|            102 | Budi Eko Prayogo  |             20000 |
|            102 | Budi Eko Prayogo  |             50000 |
|            119 | Budi Martono      |            100000 |
|            108 | Budi Martono      |            100000 |
|            110 | Canka Lokananta   |             20000 |
|            123 | Danindya          |            200000 |
|            122 | Danindya          |            200000 |
|            107 | Kartika Padmasari |            100000 |
|            101 | Kartika Padmasari |             50000 |
|            118 | Khatulistyawara   |            100000 |
|            118 | Khatulistyawara   |            150000 |
|            118 | Khatulistyawara   |            200000 |
|            103 | Maryati           |             50000 |
|            103 | Maryati           |            100000 |
|            103 | Maryati           |             40000 |
|            117 | Muliana           |             50000 |
|            105 | Suparman          |             40000 |
|            105 | Suparman          |             50000 |
|            106 | Suparman          |             50000 |
|            104 | Sutopo            |             50000 |
|            109 | Trianandya        |            100000 |
+----------------+-------------------+-------------------+
22 rows in set (0.00 sec)
```

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TUGAS TAMBAHAN

```
MariaDB [perbankan]> select*from nasabah natural join nasabah_has_rekening natural join rekening where nasabah.id_nasabah=nasabah_has_rekening.id_nasabahFK and nasabah_
has_rekening.no_rekeningFK=rekening.no_rekening and rekening.kode_cabangFK='BRUSU'ORDER BY nasabah.nama_nasabah;
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
| id_nasabah | nama_nasabah | alamat_nasabah | id_nasabahFK | no_rekeningFK | no_rekening | kode_cabangFK | pin  | saldo   |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
|         11 | Danindya     | Jl. Aki Balak 22 |         11 |          122 |         122 | BRUSU        | 2200 | 2000000 |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
1 row in set (0.00 sec)
```

```
MariaDB [perbankan]> select*from nasabah natural join nasabah_has_rekening natural join rekening where nasabah.id_nasabah=nasabah_has_rekening.id_nasabahFK and nasabah_
has_rekening.no_rekeningFK=rekening.no_rekening and rekening.kode_cabangFK='BRUKA'ORDER BY nasabah.nama_nasabah;
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
| id_nasabah | nama_nasabah | alamat_nasabah | id_nasabahFK | no_rekeningFK | no_rekening | kode_cabangFK | pin  | saldo   |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
|         10 | Budi Martono | Jl. Merak 22   |         10 |          119 |         119 | BRUKA        | 1010 | 400000  |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
1 row in set (0.00 sec)
```

```
MariaDB [perbankan]> select*from nasabah natural join nasabah_has_rekening natural join rekening where nasabah.id_nasabah=nasabah_has_rekening.id_nasabahFK and nasabah_
has_rekening.no_rekeningFK=rekening.no_rekening and rekening.kode_cabangFK='BRUBE'ORDER BY nasabah.nama_nasabah;
+------------+--------------+---------------------+--------------+--------------+-------------+--------------+------+---------+
| id_nasabah | nama_nasabah | alamat_nasabah      | id_nasabahFK | no_rekeningFK | no_rekening | kode_cabangFK | pin  | saldo   |
+------------+--------------+---------------------+--------------+--------------+-------------+--------------+------+---------+
|         13 | Muliana      | Jl. Jend. Sudirman 97 |       13 |          117 |         117 | BRUBE        | 8899 | 2000000 |
+------------+--------------+---------------------+--------------+--------------+-------------+--------------+------+---------+
1 row in set (0.00 sec)
```

```
MariaDB [perbankan]> select*from nasabah natural join nasabah_has_rekening natural join rekening where nasabah.id_nasabah=nasabah_has_rekening.id_nasabahFK and nasabah_
has_rekening.no_rekeningFK=rekening.no_rekening and rekening.kode_cabangFK='BRUTA'ORDER BY nasabah.nama_nasabah;
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
| id_nasabah | nama_nasabah | alamat_nasabah | id_nasabahFK | no_rekeningFK | no_rekening | kode_cabangFK | pin  | saldo   |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
|         15 | Bening       | Jl. Agatis 10  |         15 |          116 |         116 | BRUTA        | 9911 | 100000  |
+------------+--------------+----------------+--------------+--------------+-------------+--------------+------+---------+
1 row in set (0.00 sec)
```

```
MariaDB [perbankan]> select*from nasabah natural join nasabah_has_rekening natural join rekening where nasabah.id_nasabah=nasabah_has_rekening.id_nasabahFK and nasabah_
has_rekening.no_rekeningFK=rekening.no_rekening and rekening.kode_cabangFK='BRUT'ORDER BY nasabah.nama_nasabah;
+------------+--------------+-------------------+--------------+--------------+-------------+--------------+------+---------+
| id_nasabah | nama_nasabah | alamat_nasabah    | id_nasabahFK | no_rekeningFK | no_rekening | kode_cabangFK | pin  | saldo   |
+------------+--------------+-------------------+--------------+--------------+-------------+--------------+------+---------+
|         11 | Danindya     | Jl. Aki Balak 22  |         11 |          123 |         123 | BRUT         | 1997 | 300000  |
|         17 | Pandan Wangi | Jl. Imam Bonjol 20 |        17 |          115 |         115 | BRUT         | 1020 | 2500000 |
+------------+--------------+-------------------+--------------+--------------+-------------+--------------+------+---------+
2 rows in set (0.00 sec)

MariaDB [perbankan]>
```