

Tugas Praktikum Sistem Basis Data

Nama : Azzahra Salsabilla

NIM : L200170130

Kelas : E

Modul : 7 (Tugas Membuat 5 Soal)

Nomor 1.

Tampilkan nomor rekening, pin, dan saldo dari semua rekening dan diurutkan berdasarkan pin dari yang terbesar ke terkecil.

➤ *SELECT no_rekening, pin, saldo FROM rekening ORDER BY pin DESC;*

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> show tables;
+-----+
| Tables_in_perbankan |
+-----+
| cabang_bank          |
| nasabah              |
| nasabah_has_rekening |
| rekening             |
| transaksi            |
+-----+
5 rows in set (0.00 sec)

MariaDB [perbankan]> describe rekening;
+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+
| no_rekening | int(11)       | NO   | PRI | NULL    |       |
| kode_cabang | varchar(20)   | YES  |     | NULL    |       |
| pin         | varchar(20)   | YES  |     | NULL    |       |
| saldo       | int(11)       | YES  |     | NULL    |       |
+-----+
4 rows in set (0.02 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY pin DESC;
+-----+
| no_rekening | pin  | saldo |
+-----+
| 109         | 9999 | 0      |
| 113         | 8888 | 255000|
| 107         | 7777 | 100000|
| 106         | 6666 | 300000|
| 105         | 5555 | 200000|
| 104         | 4444 | 900000|
| 111         | 4321 | 150000|
| 103         | 3333 | 750000|
| 102         | 2222 | 350000|
| 110         | 1234 | 550000|
| 101         | 1111 | 500000|
| 112         | 0123 | 300000|
| 108         | 0000 | 500000|
+-----+
13 rows in set (0.00 sec)
```

Nomor 2.

Tampilkan nomor rekening, nama nasabah, dan saldo dari semua rekening yang dimiliki nasabah dan diurutkan berdasarkan nomor rekening.

- *SELECT rekening.no_rekening, nasabah.nama_nasabah, rekening.saldo FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nasabah = nasabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening ORDER BY rekening.no_rekening;*

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, rekening.saldo FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nasabah = nasabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening ORDER BY rekening.no_rekening;
+-----+-----+-----+
| no_rekening | nama_nasabah | saldo |
+-----+-----+-----+
| 101 | Kartika Padmasari | 500000 |
| 102 | Budi Eko Prayogo | 350000 |
| 103 | Maryati | 750000 |
| 104 | Sutopo | 900000 |
| 105 | Suparman | 200000 |
| 106 | Kartika Padmasari | 300000 |
| 107 | Budi Eko Prayogo | 100000 |
| 108 | Budi Murtono | 500000 |
| 109 | Satria Eka Jaya | 0 |
| 109 | Indri Hapsari | 0 |
| 110 | Canka Locananta | 550000 |
| 111 | Sari Murti | 150000 |
| 112 | Sari Murti | 300000 |
| 113 | Budi Murtono | 255000 |
+-----+-----+-----+
14 rows in set (0.00 sec)
```

Nomor 3.

Tampilkan nomor rekening, nama nasabah, dan alamat nasabah dari semua nasabah yang memiliki rekening dan diurutkan berdasarkan alamat nasabah.

- *SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.alamat_nasabah FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nasabah = nasabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening ORDER BY nasabah.alamat_nasabah;*

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.alamat_nasabah FROM rekening, nasabah, nasabah_has_rekening WHERE nasabah.id_nasabah = nasabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening ORDER BY nasabah.alamat_nasabah;
+-----+-----+-----+
| no_rekening | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 105 | Suparman | Jl. Hasanudin 81 |
| 104 | Sutopo | Jl. Jendral Sudirman 12 |
| 102 | Budi Eko Prayogo | Jl. Kanti 30 |
| 107 | Budi Eko Prayogo | Jl. Kanti 30 |
| 101 | Kartika Padmasari | Jl. Manggis 15 |
| 106 | Kartika Padmasari | Jl. Manggis 15 |
| 108 | Budi Murtono | Jl. Merak 22 |
| 113 | Budi Murtono | Jl. Merak 22 |
| 103 | Maryati | Jl. MT Haryono 31 |
| 111 | Sari Murti | Jl. Pangandaran |
| 112 | Sari Murti | Jl. Pangandaran |
| 109 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 109 | Indri Hapsari | Jl. Sutoyo |
| 110 | Canka Locananta | Jl. Tidar 86 |
+-----+-----+-----+
14 rows in set (0.00 sec)
```

Nomor 4.

Tampilkan nomor rekening, nama nasabah, dan alamat nasabah dimana nama nasabah diawali dengan kata “Sa”.

- *SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.alamat_nasabah FROM nasabah, rekening, nasabah_has_rekening WHERE nasabah.id_nasabah = nasabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening AND nasabah.nama_nasabah LIKE 'Sa%';*

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]>
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, nasabah.alamat_nasabah FROM nasabah, rekening, nasabah_has_rekening WHERE nasabah.id_nasabah = n
asabah_has_rekening.id_nasabah AND rekening.no_rekening = nasabah_has_rekening.no_rekening AND nasabah.nama_nasabah LIKE 'Sa%';
+-----+-----+-----+
| no_rekening | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 109         | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 111         | Sari Murti      | Jl. Pangandaran      |
| 112         | Sari Murti      | Jl. Pangandaran      |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

Nomor 5.

Tampilkan nomor rekening, nama nasabah, jenis transaksi, dan jumlah transaksi dimana jumlah transaksi = Rp 100.000

- *SELECT rekening.no_rekening, nasabah.nama_nasabah, transaksi.jenis_transaksi, transaksi.jumlah FROM nasabah, transaksi, rekening WHERE rekening.no_rekening = transaksi.no_rekening AND nasabah.id_nasabah = transaksi.id_nasabah AND transaksi.jumlah = 100000;*

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> SELECT rekening.no_rekening, nasabah.nama_nasabah, transaksi.jenis_transaksi, transaksi.jumlah FROM nasabah, transaksi, rekening WHERE rekening.no_
rekening = transaksi.no_rekening AND nasabah.id_nasabah = transaksi.id_nasabah AND transaksi.jumlah = 100000;
+-----+-----+-----+-----+
| no_rekening | nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+-----+
| 107         | Kartika Padmasari | debit          | 100000 |
| 103         | Maryati        | debit          | 100000 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```