

Nama : Bagus Zizou Satiaji

NIM : L200180212

Kelas : Praktikum Sistem Basis Data H

MODUL 6

Query Standart dan Variasinya

Latihan

```
Command Prompt - mysql -u root -p
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> select from * cabang_bank;
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 '* cabang_bank;' at line 1
MariaDB [perbankan]> select * from cabang_bank;
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Unit Boyolali	Jl. Ahmad Yani 45
BRUC	Bank Rut Unit Cawas	Jl. Raya Cawas 22
BRUD	Bank Rut Unit Delanggu	Jl. Jogja-Solo 67
BRUG	Bank Rut Unit Gondang	Jl. Jogja-Solo 2
BRUI	Bank Rut Unit Imogiri	Jl. Imogiri 32
BRUJ	Bank Rut Unit Jatinom	Jl. Jatinom Center 43
BRUK	Bank Rut Unit Klaten	Jl. Superman 23
BRUKT	Bank Rut Unit Klaten Tengah	Jl. Pemuda Klaten 33
BRUN	Bank Rut Unit Nglipar	Jl. Raya Nglipar 1
BRUP	Bank Rut Unit Prambanan	Jl. Prambanan 56
BRUS	Bank Rut Unit Surakarta	Jl. Slamet Riyadi 18
BRUT	Bank Rut Unit Trucuk	Jl. Raya Trucuk 6
BRUU	Bank Rut Unit Ungaran	Jl. Ungaran Raya 23
BRUW	Bank Rut Unit Wonogiri	Jl. A. Yani 23
BRUY	Bank Rut Unit Yogyakarta	Jl. Anggrek 21

```
15 rows in set (0.00 sec)

MariaDB [perbankan]> select nama_cabang, alamat_cabang from cabang_bank order by nama_cabang;
```

nama_cabang	alamat_cabang
Bank Rut Unit Boyolali	Jl. Ahmad Yani 45
Bank Rut Unit Cawas	Jl. Raya Cawas 22
Bank Rut Unit Delanggu	Jl. Jogja-Solo 67
Bank Rut Unit Gondang	Jl. Jogja-Solo 2
Bank Rut Unit Imogiri	Jl. Imogiri 32
Bank Rut Unit Jatinom	Jl. Jatinom Center 43
Bank Rut Unit Klaten	Jl. Superman 23
Bank Rut Unit Klaten Tengah	Jl. Pemuda Klaten 33
Bank Rut Unit Nglipar	Jl. Raya Nglipar 1
Bank Rut Unit Prambanan	Jl. Prambanan 56
Bank Rut Unit Surakarta	Jl. Slamet Riyadi 18
Bank Rut Unit Trucuk	Jl. Raya Trucuk 6
Bank Rut Unit Ungaran	Jl. Ungaran Raya 23
Bank Rut Unit Wonogiri	Jl. A. Yani 23
Bank Rut Unit Yogyakarta	Jl. Anggrek 21

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

Command Prompt - mysql -u root -p

MariaDB [perbankan]> select * from rekening;

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	550000
111	BRUK	4321	150000
112	BRUK	0123	300000
113	BRUY	8888	255000
114	BRUC	1400	500000
115	BRUD	1500	900000
116	BRUG	1600	9000000
117	BRUC	1700	1000000
118	BRUC	1701	1500000
119	BRUC	1702	1800000
120	BRUU	1800	5000000
121	BRUT	1900	1000000
122	BRUP	2000	4000000
123	BRUN	2100	10000000

23 rows in set (0.00 sec)

Command Prompt - mysql -u root -p

MariaDB [perbankan]> select no_rekening, pin, saldo from rekening order by saldo desc;

no_rekening	pin	saldo
123	2100	10000000
116	1600	9000000
108	0000	5000000
120	1800	5000000
122	2000	4000000
106	6666	3000000
105	5555	2000000
119	1702	1800000
118	1701	1500000
121	1900	1000000
107	7777	1000000
117	1700	1000000
115	1500	900000
104	4444	900000
103	3333	750000
110	1234	550000
114	1400	500000
101	1111	500000
102	2222	350000
112	0123	300000
113	8888	255000
111	4321	150000
109	9999	0

23 rows in set (0.00 sec)

Tugas

Nomer 1

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from nasabah;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	SUTOPO	Jl. Jendral Susirman 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
8	Sari Murti	Jl. Pangandaran 11
9	Canka Lokananta	Jl. Tidar 86
10	Budi Murtono	Jl.Merak 22
11	Nizar Armando	Jl. Kapitan 23
12	Mario Susanto	Jl. Tantowi 55
13	Mila lia	Jl. Bypass 21
14	Rifan Anwar	Jl. Pemuda 13
15	Yeremia Ano	Jl. Pemuda 18
16	Yolanda mei	Jl. Manahan 56
17	Ronald Weho	Jl. Letnan Amil 2
18	Roban Aliman	Jl. Waman 43
19	Sonnia Amalia	Jl. Remin 3
20	Leonard	Jl. Jendral Suharto

```
19 rows in set (0.00 sec)

MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah order by nama_nasabah;
```

nama_nasabah	alamat_nasabah
Budi Eko Prayogo	Jl. Kantil 30
Budi Murtono	Jl.Merak 22
Canka Lokananta	Jl. Tidar 86
Kartika Padmasari	Jl. Manggis 15
Leonard	Jl. Jendral Suharto
Mario Susanto	Jl. Tantowi 55
MARYATI	Jl. MT. Haryono 31
Mila lia	Jl. Bypass 21
Nizar Armando	Jl. Kapitan 23
Rifan Anwar	Jl. Pemuda 13
Roban Aliman	Jl. Waman 43
Ronald Weho	Jl. Letnan Amil 2
Sari Murti	Jl. Pangandaran 11
Satria Eka Jaya	Jl. Slamet Riyadi 45
Sonnia Amalia	Jl. Remin 3
SUPARMAN	Jl.Hasanudin 81
SUTOPO	Jl. Jendral Susirman 12
Yeremia Ano	Jl. Pemuda 18
Yolanda mei	Jl. Manahan 56

Nomer 2

```
+-----+
49 rows in set (0.00 sec)

MariaDB [perbankan]> 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         | 1000000|
| KREDIT         | 1500000|
| KREDIT         | 500000 |
| KREDIT         | 150000 |
| KREDIT         | 990000 |
+-----+
```

Nomer 3

```
Select Command Prompt - mysql -u root -p

MariaDB [perbankan]> select jenis_transaksi, jumlah from transaksi where tanggal = '2020-04-21 15:46:24' order by jumlah;
+-----+
| jenis_transaksi | jumlah |
+-----+
| DEBIT           | 20000  |
| DEBIT           | 20000  |
| KREDIT          | 20000  |
| DEBIT           | 20000  |
| KREDIT          | 20000  |
| KREDIT          | 30000  |
| DEBIT           | 40000  |
| DEBIT           | 40000  |
| DEBIT           | 40000  |
| DEBIT           | 50000  |
| DEBIT           | 50000  |
| DEBIT           | 50000  |
| DEBIT           | 50000  |
| KREDIT          | 50000  |
| DEBIT           | 50000  |
| DEBIT           | 50000  |
| KREDIT          | 50000  |
| DEBIT           | 50000  |
| DEBIT           | 100000 |
| DEBIT           | 100000 |
| KREDIT          | 100000 |
| KREDIT          | 100000 |
| KREDIT          | 100000 |
| DEBIT           | 100000 |
| DEBIT           | 100000 |
| KREDIT          | 150000 |
| KREDIT          | 200000 |
| KREDIT          | 200000 |
| KREDIT          | 200000 |
| KREDIT          | 200000 |
+-----+
30 rows in set (0.00 sec)
```

Nomer 4

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select id_nasabahFK, jenis_transaksi, jumlah from transaksi where jumlah = '20000';
+-----+-----+-----+
| id_nasabahFK | jenis_transaksi | jumlah |
+-----+-----+-----+
|          4 | KREDIT         | 20000 |
|          5 | DEBIT          | 20000 |
|          4 | KREDIT         | 20000 |
|          5 | DEBIT          | 20000 |
|          7 | DEBIT          | 20000 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

Nomer 5

```
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like 'su%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| SUTOPO       | Jl. Jendral Susirman 12 |
| SUPARMAN     | Jl.Hasanudin 81 |
+-----+-----+
2 rows in set (0.00 sec)
```

Nomer 6

```
MariaDB [perbankan]> select id_nasabah, nama_nasabah from nasabah where nama_nasabah like 'su%' or nama_nasabah like 'ro%';
+-----+-----+
| id_nasabah | nama_nasabah |
+-----+-----+
|          1 | SUTOPO       |
|          3 | SUPARMAN     |
|         17 | Ronald Weho  |
|         18 | Roban Aliman |
+-----+-----+
4 rows in set (0.00 sec)
```

Nomer 7

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like 'ri%' and nama_nasabah like 'ye%' or alamat_nasabah like '%pemuda%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Rifan Anwar  | Jl. Pemuda 13  |
| Yeremia Ano  | Jl. Pemuda 18  |
+-----+-----+
2 rows in set (0.00 sec)
```

Nomer 8

```
MariaDB [perbankan]> select * from nasabah order by id_nasabah limit 5 offset 3;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
|          4 | Kartika Padmasari | Jl. Manggis 15 |
|          5 | Budi Eko Prayogo | Jl. Kantil 30 |
|          6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
|          8 | Sari Murti | Jl. Pangandaran 11 |
|          9 | Canka Lokananta | Jl. Tidar 86 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

Nomer 9

```
MariaDB [perbankan]> select no_rekening from rekening where no_rekening like '%2%' and no_rekening like '%1%' and saldo is NOT NULL;
+-----+
| no_rekening |
+-----+
|          102 |
|          112 |
|          120 |
|          121 |
|          122 |
|          123 |
+-----+
6 rows in set (0.00 sec)
```

Nomer 10

```
MariaDB [perbankan]> select no_rekening, saldo from rekening where no_rekening like '%0%' and no_rekening like '%1%' and saldo is NOT NULL order by no_rekening limit 5 offset 2;
+-----+-----+
| no_rekening | saldo |
+-----+-----+
|          103 | 750000 |
|          104 | 900000 |
|          105 | 2000000 |
|          106 | 3000000 |
|          107 | 1000000 |
+-----+-----+
5 rows in set (0.00 sec)
```

```
MariaDB [perbankan]> select no_rekening, saldo from rekening where no_rekening like '%0%' a
+-----+-----+
| no_rekening | saldo |
+-----+-----+
|          103 | 750000 |
|          104 | 900000 |
|          105 | 2000000 |
|          106 | 3000000 |
|          107 | 1000000 |
+-----+-----+
```

```
and no_rekening like '%1%' and saldo is NOT NULL order by no_rekening limit 5 offset 2;
```