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## PRAKTIKUM

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.18362.720]
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C:\Users\ACER>cd\

C:\>cd C:\xampp\mysql\bin

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.3.15-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)]> use perbankan;
Database changed
MariaDB [perbankan]> SELECT nama_cabang, alamat_cabang FROM cabang_bank ORDER BY nama_cabang;
+-----+-----+
| nama_cabang | alamat_cabang |
+-----+-----+
| Bank Rut Unit Bandung | Jl. Apel 6 |
| Bank Rut Unit Batu | Jl. Pepaya 111 |
| Bank Rut Unit Bekasi | Jl. Alpukat 17 |
| Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| Bank Rut Unit Depok | Jl. Alpukat 28 |
| Bank Rut Unit Kediri | Jl. Durian 121 |
| Bank Rut Unit Klanten | Jl. Superman 23 |
| Bank Rut Unit Kupang | Jl. Mangga 55 |
| Bank Rut Unit Lampung | Jl. Tomat 41 |
| Bank Rut Unit Mojokerto | Jl. Pisang 13 |
| Bank Rut Unit Salatiga | Jl. Belimbing 10 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Tasikmalaya | Jl. Anggur 9 |
| Bank Rut Unit Monogiri | Jalan A. Yani No.23 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+
15 rows in set (2.409 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 0 | 5000000 |
| 106 | 6666 | 3000000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 122 | 5456 | 800000 |
| 103 | 3333 | 750000 |
| 117 | 7789 | 700000 |
| 118 | 8689 | 650000 |
| 119 | 5463 | 578000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 123 | 6567 | 450000 |
| 121 | 8977 | 400000 |
| 116 | 6567 | 375000 |
| 102 | 2222 | 350000 |
| 112 | 123 | 300000 |
| 114 | 2345 | 300000 |
| 113 | 8888 | 255000 |
| 115 | 5678 | 250000 |
| 111 | 4321 | 150000 |
| 120 | 2342 | 100000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
23 rows in set (0.552 sec)

MariaDB [perbankan]>
```

```
Command Prompt - mysql -u root -p
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 0 | 5000000 |
| 106 | 6666 | 3000000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 122 | 5456 | 800000 |
| 103 | 3333 | 750000 |
| 117 | 7789 | 700000 |
| 118 | 8689 | 650000 |
| 119 | 5463 | 578000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 123 | 6567 | 450000 |
| 121 | 8977 | 400000 |
| 116 | 6567 | 375000 |
| 102 | 2222 | 350000 |
| 112 | 123 | 300000 |
| 114 | 2345 | 300000 |
| 113 | 8888 | 255000 |
| 115 | 5678 | 250000 |
| 111 | 4321 | 150000 |
| 120 | 2342 | 100000 |
| 109 | 9999 | 0 |
+-----+-----+-----+
23 rows in set (0.552 sec)

MariaDB [perbankan]>
```

# TUGAS

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
```

nama_nasabah	alamat_nasabah
Afnan	Jl. Buaya 29
Bagas	Jl. Kenangan 55
Budi Eko Prayogo	Jalan Slamet Riyadi No.34
Budi Murtono	Jl. Merak 22
Canka Lokananta	Jl. Tidar 86
Dessy	Jl. Awan 06
Dina	Jl. Dewa 12
Fauzia	Jl. Bagong 25
Hilda	Jl. Mangga 5
Kartika Padmasari	Jl. Manggis 15
Maryati	Jl. MT. Haryono 31
Nabila	Jl. Petruk 14
Rina	Jl. Prawirodigdoyo
Sanchez	Jl. Whirlpool 07
Sari Murti	Jl. Pangandaran 11
Satria Eka Jaya	Jl. Slamet Riyadi 45
Suparman	Jl. Hasanudin 81
Sutopo	Jl. Jendral Sudirman 12
Xabiru	Jl. Cendol 11

19 rows in set (0.317 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
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	65000
kredit	20000
kredit	150000
kredit	300000
kredit	900000
kredit	100000
kredit	500000
kredit	500000
kredit	400000
kredit	750000

23 rows in set (0.295 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

57 rows in set (0.001 sec)

```
MariaDB [perbankan]> SELECT jenis_transaksi, jumlah FROM transaksi WHERE tanggal='2009-11-21' ORDER BY jumlah;
```

jenis_transaksi	jumlah
debit	40000

1 row in set (0.029 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=transaksi.id_nasabahFK AND jumlah=20000;
```

nama_nasabah	jenis_transaksi	jumlah
Kartika Padmasari	kredit	20000
Budi Eko Prayogo	debit	20000
Kartika Padmasari	kredit	20000
Budi Eko Prayogo	debit	20000
Canka Lokananta	debit	20000
Dina	kredit	20000

6 rows in set (0.000 sec)

MariaDB [perbankan]>

```

C:\Command Prompt - mysql -u root -p
at line 1
MariaDB [perbankan]> SELECT nama_nasabah, alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE "Su%";
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Suparman     | Jl. Hasanudin 81 |
+-----+-----+
2 rows in set (0.000 sec)

MariaDB [perbankan]>

```

```

C:\Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE jenis_transaksi='debit' AND jumlah<30000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Sutopo       | debit          | 20000 |
| Maryati     | debit          | 20000 |
| Suparman     | debit          | 20000 |
| Kartika Padmasari | debit        | 20000 |
| Budi Eko Prayogo | debit        | 20000 |
| Satria Eka Jaya | debit        | 20000 |
| Sari Murti   | debit          | 20000 |
| Canka Lokananta | debit        | 20000 |
| Budi Murtono | debit          | 20000 |
| Rina         | debit          | 20000 |
| Dina         | debit          | 20000 |
| Sanchez      | debit          | 20000 |
| Nabila       | debit          | 20000 |
| Fauzia       | debit          | 20000 |
| Dessy        | debit          | 20000 |
| Hilda        | debit          | 20000 |
| Xabiru       | debit          | 20000 |
| Afnan        | debit          | 20000 |
| Bagas        | debit          | 20000 |
| Sutopo       | debit          | 20000 |
| Maryati     | debit          | 20000 |
| Suparman     | debit          | 20000 |
| Kartika Padmasari | debit        | 20000 |
| Budi Eko Prayogo | debit        | 20000 |
| Satria Eka Jaya | debit        | 20000 |
| Sari Murti   | debit          | 20000 |
| Canka Lokananta | debit        | 20000 |
| Budi Murtono | debit          | 20000 |
| Rina         | debit          | 20000 |
| Dina         | debit          | 20000 |
| Sanchez      | debit          | 20000 |
| Nabila       | debit          | 20000 |
| Fauzia       | debit          | 20000 |
| Dessy        | debit          | 20000 |
| Hilda        | debit          | 20000 |
| Xabiru       | debit          | 20000 |
| Afnan        | debit          | 20000 |
| Bagas        | debit          | 20000 |
| Sutopo       | debit          | 20000 |
| Maryati     | debit          | 20000 |
+-----+-----+-----+

```

```

C:\Command Prompt - mysql -u root -p
tanggal = '2009-11-19' AND jumlah=100000' at line 1
MariaDB [perbankan]> SELECT * FROM transaksi WHERE jenis_transaksi = 'debit' AND tanggal = '2009-11-19' AND jumlah=100000;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal          | jumlah |
+-----+-----+-----+-----+-----+-----+
| 10           | 4             | 107            | debit          | 2009-11-19 00:00:00 | 100000 |
| 11           | 2             | 103            | debit          | 2009-11-19 00:00:00 | 100000 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.114 sec)

MariaDB [perbankan]>

```

```

C:\Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT * FROM nasabah ORDER BY id_nasabah LIMIT 3 OFFSET 3;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 4          | Kartika Padmasari | Jl. Manggis 15 |
| 5          | Budi Eko Prayogo | Jalan Slamet Riyadi No.34 |
| 6          | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
+-----+-----+-----+
3 rows in set (0.180 sec)

MariaDB [perbankan]>

```

```

C:\Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT * FROM rekening WHERE kode_cabangFK IS NULL;
Empty set (0.101 sec)

MariaDB [perbankan]>

```

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT * FROM rekening WHERE kode_cabangFK IS NOT NULL ORDER BY no_rekening LIMIT 6 OFFSET 5;
```

no_rekening	kode_cabangFK	pin	saldo
106	BRUS	6666	3000000
107	BRUS	7777	1000000
108	BRUB	0	5000000
109	BRUB	9999	0
110	BRUY	1234	5500000
111	BRUK	4321	1500000

6 rows in set (0.000 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah=transaksi.id_nasabahFK AND jumlah=500000 AND tanggal = '2009-12-06';
```

nama_nasabah	jenis_transaksi	jumlah
Rina	debit	500000

1 row in set (0.137 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT nama_nasabah, jenis_transaksi, jumlah FROM nasabah, transaksi WHERE nasabah.id_nasabah AND jumlah>=500000 ORDER BY id_nasabah LIMIT 3 OFFSET 6;
```

nama_nasabah	jenis_transaksi	jumlah
Sutopo	debit	700000
Sutopo	debit	850000
Maryati	kredit	750000

3 rows in set (0.123 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT * FROM cabang_bank WHERE alamat_cabang LIKE '%an%';
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Unit Boyolali	Jl. Ahmad Yani 45
BRUK	Bank Rut Unit Klaten	Jl. Superman 23
BRUKE	Bank Rut Unit Kediri	Jl. Durian 121
BRUKU	Bank Rut Unit Kupang	Jl. Mangga 55
BRUMO	Bank Rut Unit Mojokerto	Jl. Pisang 13
BRUT	Bank Rut Unit Tasikmalaya	Jl. Anggur 9
BRUW	Bank Rut Unit Wonogiri	Jalan A. Yani No.23
BRUY	Bank Rut Unit Yogyakarta	Jl. Anggrek 21

8 rows in set (0.084 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT no_rekeningFK, jenis_transaksi, tanggal, jumlah FROM transaksi WHERE tanggal LIKE '2009-17%' AND jenis_transaksi='debit' ORDER BY no_transaksi LIMIT 3 OFFSET 7;
```

Empty set (0.001 sec)

MariaDB [perbankan]>

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> SELECT kode_cabangFK, saldo FROM rekening WHERE saldo>20000 ORDER BY saldo DESC;
```

kode_cabangFK	saldo
BRUB	5000000
BRUS	3000000
BRUM	2000000
BRUS	1000000
BRUM	900000
BRUKU	800000
BRUS	750000
BRUY	700000
BRUL	650000
BRUMO	578000
BRUY	550000
BRUS	500000
BRUL	450000
BRUBE	400000
BRUD	375000
BRUS	350000
BRUB	300000
BRUK	300000
BRUY	255000
BRUBA	250000
BRUK	150000
BRUT	100000

22 rows in set (0.156 sec)