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**NIM : L200180146**

**Kelas : F**

## **MODUL 6**

### **LATIHAN**

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.18362.720]
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C:\Users\ASUS>C:\xampp\xampp\mysql\bin
'C:\xampp\xampp\mysql\bin' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\ASUS>cd..

C:\Users>cd..

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

C:\xampp\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: 10.4.11-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 Dukuhmaja | Jl. Sleman 67 |
| Bank Rut Unit Aceh | Jl. Pattimura 1 |
| Bank Rut Unit Amal | Jl. Tegal Arum 96 |
| Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| Bank Rut Unit Cendana | Jl. Angkasayana 56 |
| Bank Rut Unit Etuna | Jl. Sorong 9 |
| Bank Rut Unit Guci | Jl. Moh. Yamin 21 |
| Bank Rut Unit Jakarta | Jl. Mohammad 98 |
| Bank Rut Unit Klaten | Jl.Superman 23 |
| Bank Rut Unit Nusakambangan | Jl. Nasa 134 |
| Bank Rut Unit Pati | Jl. Pati Tirtayasa 4 |
| Bank Rut Unit Surakarta | Jl.Slamet Riyadi |
| Bank Rut Unit Wonogiri | Jl.Untung Suropati |
| Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
+-----+-----+
```

```
Command Prompt - mysql -u root -p
Database changed
MariaDB [perbankan]> SELECT nama_cabang,alamat_cabang FROM cabang_bank ORDER BY nama_cabang;
+-----+-----+
| nama_cabang | alamat_cabang |
+-----+-----+
| Bank Rut Dukuhmaja | Jl. Sleman 67 |
| Bank Rut Unit Aceh | Jl. Pattimura 1 |
| Bank Rut Unit Amal | Jl. Tegal Arum 96 |
| Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| Bank Rut Unit Cendana | Jl. Angkasayana 56 |
| Bank Rut Unit Etuna | Jl. Sorong 9 |
| Bank Rut Unit Guci | Jl. Moh. Yamin 21 |
| Bank Rut Unit Jakarta | Jl. Mohammad 98 |
| Bank Rut Unit Klaten | Jl.Suparman 23 |
| Bank Rut Unit Nusakambangan | Jl. Nasa 134 |
| Bank Rut Unit Pati | Jl. Pati Tirtayasa 4 |
| Bank Rut Unit Surakarta | Jl.Slamet Riyadi |
| Bank Rut Unit Wonogiri | Jl.Untung Suropati |
| Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| Bank Rut Zimbabwe | Jl. Papua 61 |
+-----+-----+
15 rows in set (0.101 sec)

MariaDB [perbankan]> SELECT no_rekening,pin,saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin | saldo |
+-----+-----+-----+
| 108 | 0000 | 5000000 |
| 106 | 6666 | 3000000 |
| 105 | 5555 | 2000000 |
| 107 | 7777 | 1000000 |
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 117 | 1999 | 660500 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 0123 | 300000 |
| 113 | 8888 | 255000 |
| 122 | 9009 | 250000 |
| 121 | 3654 | 200000 |
| 120 | 3367 | 167000 |
| 118 | 1997 | 160500 |
+-----+-----+-----+
```

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

| Bank Rut Unit Etuna      | Jl. Sorong 9      |
| Bank Rut Unit Guci      | Jl. Moh. Yamin 21 |
| Bank Rut Unit Jakarta   | Jl. Mohammad 98  |
| Bank Rut Unit Klaten    | Jl.Suparman 23   |
| Bank Rut Unit Nusakambangan | Jl. Nasa 134    |
| Bank Rut Unit Pati      | Jl. Pati Tirtayasa 4 |
| Bank Rut Unit Surakarta  | Jl.Slamet Riyadi  |
| Bank Rut Unit Wonogiri   | Jl.Untung Suropati |
| Bank Rut Unit Yogyakarta | Jl.Anggrek 21    |
| Bank Rut Zimbabue       | Jl. Papua 61     |
+-----+-----+
15 rows in set (0.101 sec)

MariaDB [perbankan]> SELECT no_rekening,pin,saldo FROM rekening ORDER BY saldo DESC;
+-----+-----+-----+
| no_rekening | pin  | saldo |
+-----+-----+-----+
| 108         | 0000 | 5000000 |
| 106         | 6666 | 3000000 |
| 105         | 5555 | 2000000 |
| 107         | 7777 | 1000000 |
| 104         | 4444 | 900000  |
| 103         | 3333 | 750000  |
| 117         | 1999 | 660500  |
| 110         | 1234 | 550000  |
| 101         | 1111 | 500000  |
| 102         | 2222 | 350000  |
| 112         | 0123 | 300000  |
| 113         | 8888 | 255000  |
| 122         | 9009 | 250000  |
| 121         | 3654 | 200000  |
| 120         | 3367 | 167000  |
| 118         | 1997 | 160500  |
| 119         | 1567 | 160000  |
| 123         | 9099 | 154000  |
| 111         | 4321 | 150000  |
| 116         | 1187 | 66050   |
| 115         | 1167 | 66000   |
| 114         | 1267 | 60000   |
| 109         | 9999 | 0        |
+-----+-----+-----+
23 rows in set (0.236 sec)
```

# TUGAS

## Nomor 1.

```
Command Prompt - mysql -u root -p
23 rows in set (0.001 sec)

MariaDB [perbankan]> SELECT nama_nasabah,alamat_nasabah FROM nasabah ORDER BY nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Ainin        | Jl.Fatmawati 78 |
| Aji Saputro   | Jl.Kenangan 11  |
| Anisa        | Jl.Anggrek Hakim 5 |
| Budi Eko Prayoga | Jl. Kantil 30  |
| Budi Murtono  | Jl.Merak 22     |
| Canka Lokananta | Jl.Tidar 86     |
| Cindy Siwi    | Jl.Dara 55      |
| Dewi         | Jl.Sribedungan 89 |
| Dewi Amanda  | Jl.Ahmad Yamin 546 |
| Fauzi Saputro | Jl.Klaten 23    |
| Handini Putri | Jl.Arif Rahman Hakim 46 |
| Kartika Padmasari | Jl. Manggis 15  |
| Maryanti     | Jl. MT.Haryono  |
| Putri Siwi   | Jl.Werkurdara 45 |
| Sari Murti    | Jl. Pangandaran 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Superman     | Jl. Hasanudin   |
| Sutopo       | Jl. Jendral Sudirman 12 |
| Syakila Amalia | Jl.Sudirman 23  |
+-----+-----+
19 rows in set (0.058 sec)
```

## Nomor 2.

```
Command Prompt - mysql -u root -p
20 rows in set (0.000 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         | 76000  |
| kredit         | 76500  |
| kredit         | 89000  |
| kredit         | 805000 |
| kredit         | 80500  |
| kredit         | 260000 |
| kredit         | 260000 |
+-----+-----+
20 rows in set (0.000 sec)
```

### Nomor 3.

```
Command Prompt - mysql -u root -p
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 (0.000 sec)
```

### Nomor 4.

```
Select Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah,jenis_transaksi,jumlah FROM nasabah,transaksi WHERE jumlah=20000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Sutopo       | kredit         | 20000  |
| Maryanti     | kredit         | 20000  |
| Suparman     | kredit         | 20000  |
| Kartika Padmasari | kredit       | 20000  |
| Budi Eko Prayoga | kredit       | 20000  |
| Satria Eka Jaya | kredit       | 20000  |
| Sari Murti   | kredit         | 20000  |
| Canka Lokananta | kredit       | 20000  |
| Budi Murtono | kredit         | 20000  |
| Putri Siwi   | kredit         | 20000  |
| Cindy Siwi   | kredit         | 20000  |
| Fauzi Saputro | kredit         | 20000  |
| Aji Saputro  | kredit         | 20000  |
| Dewi         | kredit         | 20000  |
| Dewi Amanda  | kredit         | 20000  |
| Handini Putri | kredit         | 20000  |
| Anisa        | kredit         | 20000  |
| Ainin        | kredit         | 20000  |
| Syakila Amalia | kredit       | 20000  |
| Sutopo       | debit         | 20000  |
| Maryanti     | debit         | 20000  |
| Suparman     | debit         | 20000  |
| Kartika Padmasari | debit       | 20000  |
| Budi Eko Prayoga | debit       | 20000  |
| Satria Eka Jaya | debit       | 20000  |
| Sari Murti   | debit         | 20000  |
| Canka Lokananta | debit       | 20000  |
| Budi Murtono | debit         | 20000  |
| Putri Siwi   | debit         | 20000  |
| Cindy Siwi   | debit         | 20000  |
| Fauzi Saputro | debit         | 20000  |
| Aji Saputro  | debit         | 20000  |
| Dewi         | debit         | 20000  |
| Dewi Amanda  | debit         | 20000  |
| Handini Putri | debit         | 20000  |
| Anisa        | debit         | 20000  |
| Ainin        | debit         | 20000  |
| Syakila Amalia | debit       | 20000  |
| Sutopo       | kredit         | 20000  |
```

Select Command Prompt - mysql -u root -p			
Sutopo	kredit	20000	
Maryanti	kredit	20000	
Suparman	kredit	20000	
Kartika Padmasari	kredit	20000	
Budi Eko Prayoga	kredit	20000	
Satria Eka Jaya	kredit	20000	
Sari Murti	kredit	20000	
Canka Lokananta	kredit	20000	
Budi Murtono	kredit	20000	
Putri Siwi	kredit	20000	
Cindy Siwi	kredit	20000	
Fauzi Saputro	kredit	20000	
Aji Saputro	kredit	20000	
Dewi	kredit	20000	
Dewi Amanda	kredit	20000	
Handini Putri	kredit	20000	
Anisa	kredit	20000	
Ainin	kredit	20000	
Syakila Amalia	kredit	20000	
Sutopo	debit	20000	
Maryanti	debit	20000	
Suparman	debit	20000	
Kartika Padmasari	debit	20000	
Budi Eko Prayoga	debit	20000	
Satria Eka Jaya	debit	20000	
Sari Murti	debit	20000	
Canka Lokananta	debit	20000	
Budi Murtono	debit	20000	
Putri Siwi	debit	20000	
Cindy Siwi	debit	20000	
Fauzi Saputro	debit	20000	
Aji Saputro	debit	20000	
Dewi	debit	20000	
Dewi Amanda	debit	20000	
Handini Putri	debit	20000	
Anisa	debit	20000	
Ainin	debit	20000	
Syakila Amalia	debit	20000	
Sutopo	debit	20000	
Maryanti	debit	20000	
Suparman	debit	20000	
Kartika Padmasari	debit	20000	
Budi Eko Prayoga	debit	20000	

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

| Sutopo      | debit      | 20000 |
| Maryanti    | debit      | 20000 |
| Suparman    | debit      | 20000 |
| Kartika Padmasari | debit      | 20000 |
| Budi Eko Prayoga | debit      | 20000 |
| Satria Eka Jaya | debit      | 20000 |
| Sari Murti   | debit      | 20000 |
| Canka Lokananta | debit      | 20000 |
| Budi Murtono | debit      | 20000 |
| Putri Siwi   | debit      | 20000 |
| Cindy Siwi   | debit      | 20000 |
| Fauzi Saputro | debit      | 20000 |
| Aji Saputro  | debit      | 20000 |
| Dewi         | debit      | 20000 |
| Dewi Amanda  | debit      | 20000 |
| Handini Putri | debit      | 20000 |
| Anisa        | debit      | 20000 |
| Ainin        | debit      | 20000 |
| Syakila Amalia | debit      | 20000 |
| Sutopo      | debit      | 20000 |
| Maryanti    | debit      | 20000 |
| Suparman    | debit      | 20000 |
| Kartika Padmasari | debit      | 20000 |
| Budi Eko Prayoga | debit      | 20000 |
| Satria Eka Jaya | debit      | 20000 |
| Sari Murti   | debit      | 20000 |
| Canka Lokananta | debit      | 20000 |
| Budi Murtono | debit      | 20000 |
| Putri Siwi   | debit      | 20000 |
| Cindy Siwi   | debit      | 20000 |
| Fauzi Saputro | debit      | 20000 |
| Aji Saputro  | debit      | 20000 |
| Dewi         | debit      | 20000 |
| Dewi Amanda  | debit      | 20000 |
| Handini Putri | debit      | 20000 |
| Anisa        | debit      | 20000 |
| Ainin        | debit      | 20000 |
| Syakila Amalia | debit      | 20000 |
+-----+-----+-----+
95 rows in set (0.000 sec)

MariaDB [perbankan]>
```

## Nomor 5.

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

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 |
+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [perbankan]>
```

## Nomor 6.

Tampilkan nama nasabah dan alamat nasabah yang dimana memiliki awalan nama "Sa" atau berakhiran nama "i"

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah,alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Sa%' OR nama_nasabah LIKE '%i';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Maryanti     | Jl. MT.Haryono |
| Kartika Padmasari | Jl. Manggis 15 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Sari Murti    | Jl. Pangandaran 11 |
| Putri Siwi    | Jl.Werkurdara 45 |
| Cindy Siwi    | Jl.Dara 55 |
| Dewi         | Jl.Sribedungan 89 |
| Handini Putri | Jl.Arif Rahman Hakim 46 |
+-----+-----+
8 rows in set (0.000 sec)
```

## Nomor 7.

Tampilkan nama nasabah dan alamat nasabah yang dimana memiliki awalan nama "Sa" atau berakhiran nama "i" atau beralamat dengan nama "Merak"

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT nama_nasabah,alamat_nasabah FROM nasabah WHERE nama_nasabah LIKE 'Sa%' OR nama_nasabah LIKE '%i' OR alamat_nasabah LIKE '%Merak%';
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Maryanti     | Jl. MT.Haryono |
| Kartika Padmasari | Jl. Manggis 15 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Sari Murti    | Jl. Pangandaran 11 |
| Budi Murtono  | Jl.Merak 22 |
| Putri Siwi    | Jl.Werkurdara 45 |
| Cindy Siwi    | Jl.Dara 55 |
| Dewi         | Jl.Sribedungan 89 |
| Handini Putri | Jl.Arif Rahman Hakim 46 |
+-----+-----+
9 rows in set (0.000 sec)
```

## Nomor 8.

Tampilkan id nasabah, nama nasabah, alamat nasabah diurutkan dengan id nasabah dan menampilkan 4 daftar setelah baris ketiga

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT id_nasabah,nama_nasabah,alamat_nasabah FROM nasabah ORDER BY id_nasabah LIMIT 4 OFFSET 3;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayoga | Jl. Kantil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
+-----+-----+-----+
4 rows in set (0.001 sec)
```



## Nomor 9.

Tampilkan kode cabang yang memiliki kode cabang yang memiliki awalan kode cabang "B" atau berakhiran kode cabang "K" dan saldo tidak NULL.

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT kode_cabangFK FROM rekening WHERE kode_cabangFK LIKE 'B%' OR kode_cabangFK LIKE '%K' AND saldo IS NOT NULL ;
+-----+
| kode_cabangFK |
+-----+
| BRUS          |
| BRUS          |
| BRUS          |
| BRUM          |
| BRUM          |
| BRUS          |
| BRUS          |
| BRUB          |
| BRUB          |
| BRUY          |
| BRUK          |
| BRUK          |
| BRUY          |
| BRUN          |
| BRUR          |
| BRUU          |
| BRUZ          |
| BRUG          |
| BRUY          |
| BRUX          |
| BRUQ          |
| BRUT          |
| BRUF          |
+-----+
23 rows in set (0.000 sec)

MariaDB [perbankan]>
```

## Nomor 10.

Tampilkan kode cabang yang memiliki kode cabang yang memiliki awalan kode cabang "B" atau berakhiran kode cabang "K" dan saldo tidak NULL, diurutkan berdasarkan kode cabang yang menampilkan 3 saja dan setelah melewati baris 2.

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT kode_cabangFK FROM rekening WHERE kode_cabangFK LIKE 'B%' OR kode_cabangFK LIKE '%K' AND saldo IS NOT NULL ORDER BY kode_cabangFK LIMIT
3 OFFSET 2;
+-----+
| kode_cabangFK |
+-----+
| BRUF          |
| BRUG          |
| BRUK          |
+-----+
3 rows in set (0.001 sec)

MariaDB [perbankan]>
```