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MODUL 6 KEGIATAN

```
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 36
Server version: 10.4.6-MariaDB mariadb.org binary distribution

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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 Boyolali | Jl. Ahmad Yani 45      |
| Bank Rut Unit Cilacap  | Jl. Candu              |
| Bank Rut Unit Demak    | Jl. Patimura           |
| Bank Rut Unit Grobogan | Jl. Grobogan           |
| Bank Rut Unit Jakarta  | Jl. Perintis Kemerdekaan |
| Bank Rut Unit Jepara   | Jl. Kemerdekaan        |
| Bank Rut Unit Klaten   | Jl. Superman 23        |
| Bank Rut Unit Malang   | Jl. Merdeka            |
| Bank Rut Unit Ponorogo | Jl. Manahan            |
| Bank Rut Unit Surabaya | Jl. Kuwiran            |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18   |
| Bank Rut Unit Tegal    | Jl. Tegal              |
| Bank Rut Unit Wonogiri  | Jl. A. Yani 23         |
| Bank Rut Unit Wonosobo  | Jl. Pelajar            |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21         |
+-----+-----+
15 rows in set (0.001 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
110	1234	550000
117	1256	500000
118	1379	500000
119	1111	500000
120	1112	500000
121	1232	500000
101	1111	500000
122	1111	500000
116	1209	500000
115	999	500000
114	1111	500000
123	1980	500000
102	2222	350000
112	0123	300000
113	8888	255000
111	4321	150000
109	9999	0

```
23 rows in set (0.001 sec)
```

TUGAS

No 1

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

nama_nasabah	alamat_nasabah
Alfianto Andy P	Gajahwongan
Anya Geraldine	Jakarta
Budi Eko Prayogo	Jl. kanti 30
Budi Murtono	Jl. Merak 22
Canka Lokananta	Jl. Tidal 86
Indah Permatasari	Jakarta
Isyana Sarasvati	Jakarta
Kartika Padmasari	Jl. Manggis 15
Maryati	Jl. MT. Haryono 31
Ochi Rosdiana	Jakarta
Pervita Pearce	Jakarta
Rachel Venya	Jakarta
Raisa Adriana	Jakarta
Renata Moeloek	Jakarta
Sari Murti	Jl. Pangaandaran 11
Satria Eka Jaya	Jl. Slamet Riyadi 45
Suparman	Jl. Hasanudin 41
sutopo	Jl. Jendral Sudirman 12
Syifa Hadju	Jakarta

```
19 rows in set (0.002 sec)
```

No 2

```
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	20000
kredit	30000
kredit	200000
kredit	150000
kredit	50000
Kredit	500000
Kredit	45000
kredit	500000
kredit	20000
kredit	100000

```
23 rows in set (0.001 sec)
```

No 3

```
MariaDB [perbankan]> select jenis_transaksi, jumlah from transaksi where tanggal = '2009-11-21 22:14:12' ;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| debit          | 40000  |
+-----+-----+
1 row in set (0.001 sec)
```

No 4

```
Administrator: 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  |
| Maryati      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
| Kartika Padmasari | kredit        | 20000  |
| Budi Eko Prayogo | kredit         | 20000  |
| Satria Eka Jaya | kredit         | 20000  |
| Sari Murti    | kredit         | 20000  |
| Canka Lokananta | kredit         | 20000  |
| Budi Murtono  | kredit         | 20000  |
| Alfianto Andy P | kredit         | 20000  |
| Anya Geraldine | kredit         | 20000  |
| Renata Moeloek | kredit         | 20000  |
| Raisa Adriana | kredit         | 20000  |
| Isyana Sarasvati | kredit        | 20000  |
| Ochi Rosdiana | kredit         | 20000  |
| Rachel Venya  | kredit         | 20000  |
| Pervita Pearce | kredit         | 20000  |
| Indah Permatasari | kredit        | 20000  |
| Syifa Hadju   | kredit         | 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  |
| Alfianto Andy P | debit         | 20000  |
| Anya Geraldine | debit         | 20000  |
| Renata Moeloek | debit         | 20000  |
| Raisa Adriana | debit         | 20000  |
| Isyana Sarasvati | debit        | 20000  |
| Ochi Rosdiana | debit         | 20000  |
| Rachel Venya  | debit         | 20000  |
| Pervita Pearce | debit         | 20000  |
| Indah Permatasari | debit        | 20000  |
| Syifa Hadju   | debit         | 20000  |
| sutopo       | kredit          | 20000  |
| Maryati      | kredit          | 20000  |
| Suparman     | kredit          | 20000  |
```

Administrator: Command Prompt - mysql -u root -p			
Maryati	kredit	20000	
Suparman	kredit	20000	
Kartika Padmasari	kredit	20000	
Budi Eko Prayogo	kredit	20000	
Satria Eka Jaya	kredit	20000	
Sari Murti	kredit	20000	
Canka Lokananta	kredit	20000	
Budi Murtono	kredit	20000	
Alfianto Andy P	kredit	20000	
Any Geraldine	kredit	20000	
Renata Moeloek	kredit	20000	
Raisa Adriana	kredit	20000	
Isyana Sarasvati	kredit	20000	
Ochi Rosdiana	kredit	20000	
Rachel Venya	kredit	20000	
Pervita Pearce	kredit	20000	
Indah Permatasari	kredit	20000	
Syifa Hadju	kredit	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	
Alfianto Andy P	debit	20000	
Any Geraldine	debit	20000	
Renata Moeloek	debit	20000	
Raisa Adriana	debit	20000	
Isyana Sarasvati	debit	20000	
Ochi Rosdiana	debit	20000	
Rachel Venya	debit	20000	
Pervita Pearce	debit	20000	
Indah Permatasari	debit	20000	
Syifa Hadju	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	

Administrator: Command Prompt - mysql -u root -p			
Sari Murti	debit	20000	
Canka Lokananta	debit	20000	
Budi Murtono	debit	20000	
Alfianto Andy P	debit	20000	
Any Geraldine	debit	20000	
Renata Moeloek	debit	20000	
Raisa Adriana	debit	20000	
Isyana Sarasvati	debit	20000	
Ochi Rosdiana	debit	20000	
Rachel Venya	debit	20000	
Pervita Pearce	debit	20000	
Indah Permatasari	debit	20000	
Syifa Hadju	debit	20000	
sutopo	kredit	20000	
Maryati	kredit	20000	
Suparman	kredit	20000	
Kartika Padmasari	kredit	20000	
Budi Eko Prayogo	kredit	20000	
Satria Eka Jaya	kredit	20000	
Sari Murti	kredit	20000	
Canka Lokananta	kredit	20000	
Budi Murtono	kredit	20000	
Alfianto Andy P	kredit	20000	
Any Geraldine	kredit	20000	
Renata Moeloek	kredit	20000	
Raisa Adriana	kredit	20000	
Isyana Sarasvati	kredit	20000	
Ochi Rosdiana	kredit	20000	
Rachel Venya	kredit	20000	
Pervita Pearce	kredit	20000	
Indah Permatasari	kredit	20000	
Syifa Hadju	kredit	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	
Alfianto Andy P	debit	20000	
Any Geraldine	debit	20000	
Renata Moeloek	debit	20000	
Raisa Adriana	debit	20000	
Isyana Sarasvati	debit	20000	

```
Administrator: Command Prompt - mysql -u root -p
+-----+-----+-----+
| Pervita Pearce | debit | 20000 |
| Indah Permatasari | debit | 20000 |
| Syifa Hadju | 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 |
| Alfianto Andy P | debit | 20000 |
| Anya Geraldine | debit | 20000 |
| Renata Moeloek | debit | 20000 |
| Raisa Adriana | debit | 20000 |
| Isyana Sarasvati | debit | 20000 |
| Ochi Rosdiana | debit | 20000 |
| Rachel Venya | debit | 20000 |
| Pervita Pearce | debit | 20000 |
| Indah Permatasari | debit | 20000 |
| Syifa Hadju | debit | 20000 |
| sutopo | kredit | 20000 |
| Maryati | kredit | 20000 |
| Suparman | kredit | 20000 |
| Kartika Padmasari | kredit | 20000 |
| Budi Eko Prayogo | kredit | 20000 |
| Satria Eka Jaya | kredit | 20000 |
| Sari Murti | kredit | 20000 |
| Canka Lokananta | kredit | 20000 |
| Budi Murtono | kredit | 20000 |
| Alfianto Andy P | kredit | 20000 |
| Anya Geraldine | kredit | 20000 |
| Renata Moeloek | kredit | 20000 |
| Raisa Adriana | kredit | 20000 |
| Isyana Sarasvati | kredit | 20000 |
| Ochi Rosdiana | kredit | 20000 |
| Rachel Venya | kredit | 20000 |
| Pervita Pearce | kredit | 20000 |
| Indah Permatasari | kredit | 20000 |
| Syifa Hadju | kredit | 20000 |
+-----+-----+-----+
171 rows in set (0.003 sec)

MariaDB [perbankan]> _
```

No 5

```
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 41 |
+-----+-----+-----+
2 rows in set (0.001 sec)
```

No 6

Tampilkan nama nasabah dan alamat nasabah yang memiliki huruf a atau diawali s

```
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like '%a%' or nama_nasabah like 's%';
+-----+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| sutopo | Jl. Jendral Sudirman 12 |
| Maryati | Jl. MT. Haryono 31 |
| Suparman | Jl. Hasanudin 41 |
| Kartika Padmasari | Jl. Manggis 15 |
| Budi Eko Prayogo | Jl. kanti 30 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Sari Murti | Jl. Pangaandaran 11 |
| Canka Lokananta | Jl. Tidal 86 |
| Alfianto Andy P | Gajahwongan |
| Anya Geraldine | Jakarta |
| Renata Moeloek | Jakarta |
| Raisa Adriana | Jakarta |
| Isyana Sarasvati | Jakarta |
| Ochi Rosdiana | Jakarta |
| Rachel Venya | Jakarta |
| Pervita Pearce | Jakarta |
| Indah Permatasari | Jakarta |
| Syifa Hadju | Jakarta |
+-----+-----+-----+
18 rows in set (0.001 sec)
```

No 7

Tampilkan nama nasabah dan alamat nasabah yang namanya diawali huruf a atau s dan tinggal di jakarta

```
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like 'a%' or nama_nasabah like 's%' and alamat_nasabah = 'jakarta';
```

nama_nasabah	alamat_nasabah
Alfianto Andy P	Gajahwongan
Anyu Geraldine	Jakarta
Syifa Hadju	Jakarta

```
3 rows in set (0.001 sec)
```

No 8

Tampilkan 5 data nasabah setelah lima baris pertama

```
MariaDB [perbankan]> select * from nasabah order by id_nasabah limit 5 offset 5;
```

id_nasabah	nama_nasabah	alamat_nasabah
6	Satria Eka Jaya	Jl. Slamet Riyadi 45
8	Sari Murti	Jl. Pangaandaran 11
9	Canka Lokananta	Jl. Tidal 86
10	Budi Murtono	Jl. Merak 22
11	Alfianto Andy P	Gajahwongan

```
5 rows in set (0.001 sec)
```

No 9

Menampilkan data nasabah dengan alamat tidak kosong dan nama diawali dengan "al"

```
MariaDB [perbankan]> select * from nasabah where alamat_nasabah is not null and nama_nasabah like 'al%';
```

id_nasabah	nama_nasabah	alamat_nasabah
11	Alfianto Andy P	Gajahwongan

```
1 row in set (0.001 sec)
```

No 10

Tampilkan data nasabah dimana id nasabah tidak kosong dan nama nasabah mengandung huruf 'a'

Dimulai setelah 2 baris pertama dengan menampilkan 10 baris

```
MariaDB [perbankan]> select * from nasabah where id_nasabah is not null and nama_nasabah like '%a%' limit 10 offset 2;
```

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. Pangaandaran 11
9	Canka Lokananta	Jl. Tidal 86
11	Alfianto Andy P	Gajahwongan
12	Anyu Geraldine	Jakarta
13	Renata Moeloek	Jakarta
14	Raisa Adriana	Jakarta
15	Isyana Sarasvati	Jakarta

```
10 rows in set (0.001 sec)
```

