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TUGAS PRAKTIKUM SISTEM BASIS DATA

MODUL 6

Nomor 1

```
Command Prompt - mysql -u root -p
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah order by nama_nasabah;
```

nama_nasabah	alamat_nasabah
Akbar Probo Baskoro	Magetan
Anang Prasetyo	Solo
Annisa Nugraheni	Kartasura
Arindita Prihasmata	Ngawi
Budi Eko Prayogo	Jl. Kantil 30
Budi Murtomo	Jl. Menak 22
Canka Lokananta	Jl. Tidar 86
Defa raffy Z.R	Klaten
Indri Hapsari	Jl. Sutoyo 5
Kartika Padmasari	Jl. Manggis 15
Maryati	Jl. MT. haryono 31
Nur Taufik Hidayat	Nganjuk
Rahmat Beny Susanto	Karanganyar
Sari Murti	Jl. Pangandaran 11
Satria EkaJaya	Jl. Slamet Riyadi 45
Sindhiana Aulia Friksa	Klaten
Suparman	Jl. Hasanudin 81
Sutopo	Jl. Jendral Sudirman 12
Tomi Satmoko Aji	Temanggung
Wahyu Setyaji Rama Wijaya	Sragen

```
20 rows in set (0.054 sec)

MariaDB [perbankan]>
```

Nomor 2

```
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	50000
kredit	30000
kredit	200000
kredit	50000
kredit	70000
kredit	30000
kredit	150000
kredit	245000
kredit	350000
kredit	80000
kredit	400000

```
24 rows in set (0.038 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;
Empty set (0.001 sec)
MariaDB [perbankan]>
```

Nomor 4

```
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 EkaJaya	kredit	20000
Indri Hapsari	kredit	20000
Sari Murti	kredit	20000
Canka Lokananta	kredit	20000
Budi Murtomo	kredit	20000
Annisa Nugraheni	kredit	20000
Arindita Prihasmata	kredit	20000
Anang Prasetyo	kredit	20000
Nur Taufik Hidayat	kredit	20000
Wahyu Setyaji Rama Wijaya	kredit	20000
Tomi Satmoko Aji	kredit	20000
Rahmat Beny Susanto	kredit	20000
Akbar Probo Baskoro	kredit	20000
Sindhiana Aulia Frikxa	kredit	20000
Defa raffy Z.R	kredit	20000
Sutopo	debit	20000
Maryati	debit	20000
Suparman	debit	20000
Kartika Padmasari	debit	20000
Budi Eko Prayogo	debit	20000
Satria EkaJaya	debit	20000
Indri Hapsari	debit	20000
Sari Murti	debit	20000
Canka Lokananta	debit	20000
Budi Murtomo	debit	20000
Annisa Nugraheni	debit	20000
Arindita Prihasmata	debit	20000
Anang Prasetyo	debit	20000
Nur Taufik Hidayat	debit	20000
Wahyu Setyaji Rama Wijaya	debit	20000
Tomi Satmoko Aji	debit	20000
Rahmat Beny Susanto	debit	20000
Akbar Probo Baskoro	debit	20000
Sindhiana Aulia Frikxa	debit	20000
Defa raffy Z.R	debit	20000

```
Command Prompt - mysql -u root -p
Defa raffy Z.R      debit      20000
Sutopo              kredit     20000
Maryati             kredit     20000
Suparman            kredit     20000
Kartika Padmasari   kredit     20000
Budi Eko Prayogo    kredit     20000
Satria EkaJaya      kredit     20000
Indri Hapsari       kredit     20000
Sari Murti          kredit     20000
Canka Lokananta     kredit     20000
Budi Murtomo        kredit     20000
Annisa Nugraheni    kredit     20000
Arindita Prihasmata kredit     20000
Anang Prasetyo      kredit     20000
Nur Taufik Hidayat kredit     20000
Wahyu Setyaji Rama Wijaya kredit 20000
Tomi Satmoko Aji    kredit     20000
Rahmat Beny Susanto kredit     20000
Akbar Probo Baskoro kredit     20000
Sindhiana Aulia Frikxa kredit 20000
Defa raffy Z.R      kredit     20000
Sutopo              debit      20000
Maryati             debit      20000
Suparman            debit      20000
Kartika Padmasari   debit      20000
Budi Eko Prayogo    debit      20000
Satria EkaJaya      debit      20000
Indri Hapsari       debit      20000
Sari Murti          debit      20000
Canka Lokananta     debit      20000
Budi Murtomo        debit      20000
Annisa Nugraheni    debit      20000
Arindita Prihasmata debit      20000
Anang Prasetyo      debit      20000
Nur Taufik Hidayat debit      20000
Wahyu Setyaji Rama Wijaya debit 20000
Tomi Satmoko Aji    debit      20000
Rahmat Beny Susanto debit      20000
Akbar Probo Baskoro debit      20000
Sindhiana Aulia Frikxa debit 20000
Defa raffy Z.R      debit      20000
Sutopo              debit      20000
Maryati             debit      20000
Suparman            debit      20000
```

```
Command Prompt - mysql -u root -p
+-----+
| Suparman | debit | 20000 |
| Kartika Padmasari | debit | 20000 |
| Budi Eko Prayogo | debit | 20000 |
| Satria EkaJaya | debit | 20000 |
| Indri Hapsari | debit | 20000 |
| Sari Murti | debit | 20000 |
| Canka Lokananta | debit | 20000 |
| Budi Murtomo | debit | 20000 |
| Annisa Nugraheni | debit | 20000 |
| Arindita Prihasmata | debit | 20000 |
| Anang Prasetyo | debit | 20000 |
| Nur Taufik Hidayat | debit | 20000 |
| Wahyu Setyaji Rama Wijaya | debit | 20000 |
| Tomi Satmoko Aji | debit | 20000 |
| Rahmat Beny Susanto | debit | 20000 |
| Akbar Probo Baskoro | debit | 20000 |
| Sindhiana Aulia Friksa | debit | 20000 |
| Defa raffy Z.R | debit | 20000 |
+-----+
100 rows in set (0.001 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 81 |
+-----+-----+
2 rows in set (0.001 sec)

MariaDB [perbankan]>
```

Nomor 6

Tampilkan nama nasabah dan nomor transaksi dimana id nasabah = 3 dan jenis transaksi = debit !

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select nama_nasabah, no_transaksi from nasabah, transaksi where id_nasabah = 3 and jenis_transaksi = 'debit';
+-----+-----+
| nama_nasabah | no_transaksi |
+-----+-----+
| Suparman | 1 |
| Suparman | 2 |
| Suparman | 4 |
| Suparman | 8 |
| Suparman | 10 |
| Suparman | 11 |
| Suparman | 12 |
| Suparman | 14 |
| Suparman | 17 |
| Suparman | 18 |
| Suparman | 19 |
| Suparman | 23 |
| Suparman | 24 |
| Suparman | 25 |
| Suparman | 26 |
| Suparman | 29 |
| Suparman | 30 |
| Suparman | 32 |
| Suparman | 35 |
| Suparman | 36 |
| Suparman | 37 |
| Suparman | 41 |
| Suparman | 42 |
| Suparman | 43 |
| Suparman | 45 |
| Suparman | 48 |
+-----+-----+
26 rows in set (0.001 sec)

MariaDB [perbankan]>
```

Nomor 7

Tampilkan id nasabah, nama nasabah, dan nomor transaksi dimana alamat nasabah = Jl. Tidar 86, jenis transaksi = kredit, dan jumlah transaksi = 150000 !

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select id_nasabah, nama_nasabah, no_transaksi from nasabah, transaksi where alamat_nasabah = 'Jl. Tidar 86' and jenis_transaksi = 'kredit' and jumlah = 150000;
+-----+-----+-----+
| id_nasabah | nama_nasabah | no_transaksi |
+-----+-----+-----+
|          9 | Canka Lokananta |          7 |
|          9 | Canka Lokananta |         44 |
+-----+-----+-----+
2 rows in set (0.001 sec)

MariaDB [perbankan]>
```

Nomor 8

Tampilkan semua kolom dari tabel nasabah diurutkan berdasarkan id nasabah dan hanya menampilkan 10 baris setelah melewati 5 baris pertama !

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from nasabah order by id_nasabah limit 10 offset 5;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
|          6 | Satria EkaJaya | Jl. Slamet Riyadi 45 |
|          7 | Indri Hapsari | Jl. Sutoyo 5 |
|          8 | Sari Murti | Jl. Pangandaran 11 |
|          9 | Canka Lokananta | Jl. Tidar 86 |
|         10 | Budi Murtomo | Jl. Merak 22 |
|         11 | Annisa Nugraheni | Kartasura |
|         12 | Arindita Priasmata | Ngawi |
|         13 | Anang Prasetyo | Solo |
|         14 | Nur Taufik Hidayat | Nganjuk |
|         15 | Wahyu Setyaji Rama Wijaya | Sragen |
+-----+-----+-----+
10 rows in set (0.001 sec)

MariaDB [perbankan]>
```

Nomor 9

Tampilkan nama nasabah dan nomor transaksi dimana nama nasabah diawali dengan huruf 'A' dan jumlah transaksinya NULL !

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select nama_nasabah, no_transaksi from nasabah, transaksi where nama_nasabah like 'A%' and jumlah_transaksi IS NULL;
Empty set (0.001 sec)

MariaDB [perbankan]>
```

Nomor 10

Tampilkan semua kolom pada tabel nasabah dimana nama nasabah diawali dengan huruf 'A' dan alamat nasabah tidak NULL diurutkan berdasarkan id nasabah serta hanya menampilkan 3 baris setelah melewati 2 baris pertama !

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from nasabah where nama_nasabah like 'A%' and alamat_nasabah IS NOT NULL order by id_nasabah limit 3 offset 2;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
|         13 | Anang Prasetyo | Solo |
|         18 | Akbar Probo Baskoro | Magetan |
+-----+-----+-----+
2 rows in set (0.001 sec)

MariaDB [perbankan]>
```