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KELAS : A

UAS PRAKTIKUM SBD (SYSTEM BASIS DATA)

• NO.1

TAMPILKAN NO_REK, NAMA_NASABAH YANG MELAKUKAN
TRANSAKSI DI ATAS
TANGGAL '1 DESEMBER 2009' DIURUTKAN BERDASARKAN
ID_NASABAH NB:
MASING2 ID_NASABAH MENAMPILKAN SATU TRANSAKSI,
TIDAK BOLEH BERULANG.

```
MariaDB [perbankan]> select DISTINCT rekening.no_rekening, nasabah.nama_nasabah  
from transaksi LEFT OUTER JOIN nasabah ON transaksi.id_nasabah=nasabah.id_nasabah  
NATURAL JOIN rekening LEFT OUTER JOIN nasabah_has_rekening USING(no_rekening)  
where tanggal>"2009-12-1" GROUP BY nasabah.id_nasabah ORDER BY nasabah.id_nasabah;
```

no_rekening	nama_nasabah
109	NULL
103	Maryati
101	Kartika Padmasari
102	Budi Eko Prayogo
110	Canka Lokananta
114	Amin
115	Amir
116	Apip
117	Acil
118	Ajeng
119	Ayu
120	Ahang
121	Aisyah
114	Amar
115	Agus

15 rows in set (0.00 sec)

```
MariaDB [perbankan]> select DISTINCT rekening.no_rekening, nasabah.nama_nasabah  
from transaksi INNER JOIN nasabah ON transaksi.id_nasabah=nasabah.id_nasabah NAT  
URAL JOIN rekening INNER JOIN nasabah_has_rekening USING(no_rekening) where tang  
gal>"2009-12-1" GROUP BY nasabah.id_nasabah ORDER BY nasabah.id_nasabah;
```

no_rekening	nama_nasabah
103	Maryati
101	Kartika Padmasari
102	Budi Eko Prayogo
110	Canka Lokananta
114	Amin
115	Amir
116	Apip
117	Acil
118	Ajeng
119	Ayu
120	Ahang
121	Aisyah
114	Amar
115	Agus

14 rows in set (0.00 sec)

- **NO.2**

TAMPILKAN ID_NASABAH, NAMA_CABANG, JUMLAH SALDO
(DALAM SISA SALDO)
DARI MASING2 ID_NASABAH DIKURANGI 75.000 UNTUK
PEMBAYARAN SPP

```
MariaDB [perbankan] > select DISTINCT nasabah_has_rekening.id_nasabahFK, cabang_bank.nama_cabang, SUM(rekening.saldo-75000) as "Sisa saldo" from nasabah_has_rekening JOIN rekening on nasabah_has_rekening.no_rekeningFK=rekening.no_rekening JOIN cabang_bank on rekening.kode_cabangFK=cabang_bank.kode_cabang GROUP BY id_nasabahFK HAVING SUM(rekening.saldo)>=0;
```

id_nasabahFK	nama_cabang	Sisa saldo
2	Bank Rut Unit Surakarta	675000
3	Bank Rut Unit Surakarta	2925000
4	Bank Rut Unit Surakarta	1350000
5	Bank Rut Unit Surakarta	1200000
6	Bank Rut Unit Boyolali	-75000
7	Bank Rut Unit Boyolali	-75000
8	Bank Rut Unit Klaten	300000
9	Bank Rut Unit Yogyakarta	475000
10	Bank Rut Unit Boyolali	5105000
11	Bank Rut Unit Pati	-55000
12	Bank Rut Unit Lembang	265000
13	Bank Rut Unit Kudus	455000
14	Bank Rut Unit Gunung Kidul	45000
15	Bank Rut Unit Gunung Cemani	45000
16	Bank Rut Unit Wonogiri	-25000
17	Bank Rut Unit Tegal	127000
18	Bank Rut Unit Tegal	159500
19	Bank Rut Unit Rembang	-30500
20	Bank Rut Unit Tegal	129700

19 rows in set (0.00 sec)

- **NO.3**

BUATLAH USER BARU DENGAN NO. NIM 3 DIGIT BELAKANG.
KEMUDIAN BERI PRIVILEGE PADA USER, AGAR DAPAT
MELAKUKAN CRUD. KEMUDIAN BERIKAN MASING - MASING
CONTOH CRUD, SETELAH BERHASIL MEMEBERIKAN HAK AKSES
PADA USER.

1. MEMBUAT USER DIGIT NIM TERAKHIR (015)

```
MariaDB [mysql] > create user '015'@'localhost' identified by '015';
Query OK, 0 rows affected (0.00 sec)
```

2. MEMBERIKAN PRIVILEGE KE USER (015)

```
MariaDB [mysql] > GRANT CREATE on perbankan.aku to '015'@'localhost';
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]> GRANT INSERT on perbankan.nasabah to '015'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]> GRANT SELECT on perbankan.nasabah to '015'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]> GRANT CREATE on perbankan.nasabah to '015'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]> GRANT UPDATE on perbankan.nasabah to '015'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]> GRANT DELETE on perbankan.nasabah to '015'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [mysql]>
```

3. MASUK DENGAN USER YANG TELAH DIBUAT

```
C:\xampp\mysql\bin>mysql -u 015 -p
Enter password: ***
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 25
Server version: 10.1.19-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use perbankan;
```

4. MELAKUKAN OPERASI CRUD

```
MariaDB [perbankan]> select * from nasabah;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl. Jendral Sudirman 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	Amin	Jl. Bebek 12
12	Amir	Jl. Ayam 77
13	Apip	Jl. Bango 69
14	Acil	Jl. Mop 5
15	Ajeng	Jl. Gagang 3
16	Ayu	Jl. Sudiro 1
17	Abang	Jl. Murai 33
18	Aisyah	Jl. Meenco Raya 4
19	Amar	Jl. Kepodang 9
20	Agus	Jl. Kacer 45
60	Abang Aji	Jl. Solo

```
20 rows in set (0.00 sec)

MariaDB [perbankan]> insert into nasabah values (69,"Kaceung","Jl. dulu aja 45 ");
Query OK, 1 row affected (0.07 sec)

MariaDB [perbankan]> update nasabah set nama_nasabah="Kantong" where id_nasabah=69;
Query OK, 1 row affected (0.09 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> delete from nasabah where id_nasabah=69;
Query OK, 1 row affected (0.08 sec)

MariaDB [perbankan]> create table aku (id INTEGER, nama VARCHAR(20));
Query OK, 0 rows affected (0.29 sec)
```

- **NO.4**

MATA KULIAH A TIDAK MEMENUHI STANDAR KEBIJAKAN
PRODI AKAN
PENGADAAN/PENGELANGGARAAN KELAS KARENA <10
MAHASISWA DISEBABKAN
KURANG MINATNYA MAHASISWA AKAN MATA KULIAH A.
SEHINGGA MAHASISWA
YANG MENGAMBIL MATA KULIAH A DIHARUSKAN REVISI KE
MATA KULIAH
LAIN(ATAU YANG SUDAH TERSELENGGARA).

```
MariaDB [perkuliahan]> update mahasiswa_has_matkul set id_matkulFK=1 where id_ma
tkulFK = (select id_matkul from matkul where id_matkul=2);
Query OK, 2 rows affected (0.28 sec)
Rows matched: 2  Changed: 2  Warnings: 0

MariaDB [perkuliahan]> select * from mahasiswa_has_matkul;
+-----+-----+
| nimFK | id_matkulFK |
+-----+-----+
| 11    | 1           |
| 11    | 3           |
| 22    | 3           |
| 33    | 1           |
| 33    | 3           |
+-----+-----+
5 rows in set (0.00 sec)
```