Nama: Ismi Dzikrina

NIM : L200180010

Kelas: A

Matkul: Praktikum Sistem Basis Data

UJIAN AKHIR SEMESTER (UAS)

1. Menampilkan no_rek, nama_nasabah yang melakukan transaksi di atas tanggal '1 Desember 2009' diurutkan berdasarkan id_nasabah (menggunakan Using, On, Natural, Outer, Inner, Distinct)

Nb: masing2 id_nasabah menampilkan satu transaksi, tidak boleh berulang. Using, On, Natural, Inner, Distinct

Using, On, Natural, Outer, Distinct

2. Menampilkan id_nasabah, nama_cabang, jumlah saldo (dalam sisa saldo) dari masing2 id_nasabah dikurangi 75.000 untuk pembayaran SPP (menggunakan Having, Group By, Distinct)

3. Membuat 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 memberikan hak akses pada user. (Creat, Read, Update, Delete masing – masing diberi contoh.).

Membuat user dan memberikan hak akses pada user.

```
MariaDB [(none)]> use mysql
Database changed
MariaDB [mysql)> create user 'ismil200180010'@'localhost' identified by 'ismil200180010';
Query OK, 0 rows affected (0.047 sec)

MariaDB [mysql]> grant insert on perbankanismi.cabang_bank to ismil200180010@localhost;
Query OK, 0 rows affected (0.062 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [mysql]> grant select on perbankanismi.cabang_bank to ismil200180010@localhost;
Query OK, 0 rows affected (0.024 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [mysql]> grant update on perbankanismi.cabang_bank to ismil200180010@localhost;
Query OK, 0 rows affected (0.048 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [mysql]> grant delete on perbankanismi.cabang_bank to ismil200180010@localhost;
Query OK, 0 rows affected (0.056 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.048 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.048 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.048 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.048 sec)
```

Masuk sebagai user baru

```
C:\xampp\mysql\bin>mysql -u ismil200180010 -p
Enter password: ***********
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 12
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 perbankanismi;
Database changed
```

Create tabel

```
MariaDB [perbankanismi]> create table data(id_data INTEGER,nama_data VARCHAR(40));
Query OK, 0 rows affected (0.241 sec)
```

SELECT pada cabang_bank.

Insert pada cabang_bank.

Update pada cabang_bank.

Delete pada cabang_bank.

4. Mata kuliah A tidak memenuhi standar kebijakan prodi akan pengadaan/pengelenggaraan 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).

```
kode matkulFK | NIMFK |
MA12
MA12
                    11
MA12
                    12
MA12
MA12
MA13
                    11
MariaDB [perkuliahan]> INSERT INTO mahasiswa has mata kuliah VALUE ('MA12',20)
 kode matkulFK | NIMFK
 MA12
 MA12
 MA12
 MA12
 MA17
```