Nama : Irvan Rifa'i
NIM : L200180214
Kelas : H

Praktikum Sistem Basis Data Modul ke 5

1. Praktikum

```
C:\Windows\system32\cmd.exe - mysql  -u root -p

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningF
K) values
    -> (1, 104),
    -> (2, 103),
    -> (3, 105),
    -> (3, 106),
    -> (4, 101),
    -> (4, 107),
    -> (5, 102),
    -> (5, 107),
    -> (6, 109),
    -> (7, 109),
    -> (8, 111),
    -> (9, 110),
    -> (10, 113),
    -> (8, 112),
    -> (10, 108)
    -> ;
Query OK, 15 rows affected (0.150 sec)
Records: 15  Duplicates: 0  Warnings: 0
```

```
MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasab
ahFK, jenis_transaksi, tanggal, jumlah) values
    -> (1, 105, 3,"debit", 2009-11-10, 50000),
    -> (2, 103, 2, "debit", 2009-11-10, 40000),
    -> (3, 101, 4, "kredit", 2009-11-12, 20000)
    -> ;
Query OK, 3 rows affected, 3 warnings (0.163 sec)
Records: 3  Duplicates: 0  Warnings: 3

MariaDB [perbankan]> update nasabah
    -> set alamat_nasabah = 'Jalan Slamet Riyadi No.34'
    -> where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.149 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> update cabang
    -> set alamat_cabang = 'Jalan A.Yani No.23'
    -> where kode_cabang = 'BRUW';
ERROR 1146 (42S02): Table 'perbankan.cabang' doesn't exist
MariaDB [perbankan]> update cabang_bank
    -> set alamat_cabang = 'Jalan A.Yani No.23'
    -> where kode_cabang = 'BRUW';
Query OK, 1 row affected (0.157 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> delete from nasabah
    -> where id_nasabah = 7;
Query OK, 1 row affected (0.146 sec)

MariaDB [perbankan]> delete from cabang_bank
    ->
    -> where nama_cabang = 'Bankk Rut Unit Magelang';
Query OK, 0 rows affected (0.001 sec)
```

2. Tugas

```
s
    -> ("L200180214", "Irvan", "Klaten"),
    -> ("L200180412", "Rifa'i", "Polanharjo"),
    -> ("L200180001", "Ali", "Solo"),
    -> ("L200180002", "Arif", "Solo"),
    -> ("L200180003", "Hanif", "Sukoharjo"),
    -> ("L200180004", "Hanifah", "Sukoharjo"),
    -> ("L200180005", "Hasna", "Karanganyar"),
    -> ("L200180006", "Azie", "Surakarta"),
    -> ("L200180007", "Rezky", "Pabelan"),
    -> ("L200180008", "Danang", "Mendungan")
    -> ;
Query OK, 10 rows affected (0.077 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [datakuliah]> insert into dosen(id_dosen, nama_dosen, alamat_dosen, stat
us_dosen) values
    -> ("01", "Nurgyatna", "Solo", "Dosen tetap"),
    -> ("02", "Alex", "Sambi", "Dosen tetap"),
    -> ("03", "Bana", "Surakarta", "Dosen tetap"),
    -> ("04", "Dimas", "Solo", "Dosen tetap"),
    -> ("05", "Oscar", "Karanganyar", "Dosen tetap"),
    -> ("06", "Kayla", "Karanganyar", "Dosen tetap"),
    -> ("07", "Indri", "Kiringan", "Dosen tidak tetap"),
    -> ("08", "Agus", "Klaten", "Dosen tetap"),
    -> ("09", "Murtoyo", "Klaten", "Dosen tetap"),
    -> ("10", "Aris", "Yogya", "Dosen tetap")
    -> ;
Query OK, 10 rows affected (0.135 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [datakuliah]> insert into matkul(id_matkul, nama_matkul) values
    -> ("020", "Bahasa Indonesia"),
    -> ("021", "Kalkulus 1"),
    -> ("022", "Kalkulus 2"),
    -> ("023", "Basis data"),
    -> ("024", "Komunikasi data"),
    -> ("025", "Komunikasi Interpresonal"),
    -> ("026", "Manajemen Pemrograman"),
    -> ("027", "Sistem Operasi"),
    -> ("028", "Sistem informasi"),
    -> ("029", "Algoritma Struktur data"),
    -> ("030", "Algoritma pemrograman")
    -> ;
Query OK, 11 rows affected (0.094 sec)
Records: 11  Duplicates: 0  Warnings: 0

MariaDB [datakuliah]> insert into rk(nama_rk, kapasitas_rk) values
    -> ("J45", 60),
    -> ("J47", 60),
    -> ("J48", 60),
    -> ("J49", 60),
    -> ("J410", 60),
    -> ("J32", 60),
    -> ("J34", 60),
    -> ("J35", 60),
    -> ("JSem1", 120),
```

```
MariaDB [datakuliah]> insert into mahasiswa_has_dosen(NIM_mhsFK, id_dosenFK) val
ues
    -> (214, 01),
    -> (214, 02),
    -> (214, 05),
    -> (214, 06),
    -> (214, 08),
    -> (214, 09),
    -> (412, 02),
    -> (412, 05),
    -> (412, 08),
    -> (412, 10),
    -> (001, 01),
    -> (001, 02),
    -> (001, 03),
    -> (001, 04),
    -> (001, 05),
    -> (001, 06),
    -> (001, 07),
    -> (001, 09),
    -> (002, 10),
    -> (003, 10)
    -> ;
```

```
MariaDB [datakuliah]> insert into mahasiswa_has_matkul(NIM_mhsFK, id_matkulFK) v
alues
    -> (214, 020),
    -> (214, 021),
    -> (214, 022),
    -> (214, 023),
    -> (214, 024),
    -> (214, 025),
    -> (214, 026),
    -> (214, 027),
    -> (214, 028),
    -> (214, 029),
    -> (214, 030),
    -> (412, 020),
    -> (412, 021),
    -> (412, 022),
    -> (412, 023),
    -> (412, 024),
    -> (412, 025),
    -> (412, 026),
    -> (412, 027),
    -> (412, 028),
    -> (412, 029),
    -> (412, 030)
    -> ;
Query OK, 22 rows affected (0.161 sec)
Records: 22  Duplicates: 0  Warnings: 0
```

```
MariaDB [datakuliah]> insert into mahasiswa_has_rk(NIM_mhsFK, nama_rkFK) values
    -> (001, 48),
    -> (001, 49),
    -> (001, 40),
    -> (001, 41),
    -> (001, 42),
    -> (001, 43),
    -> (001, 44),
    -> (001, 45),
    -> (001, 46),
    -> (001, 47),
    -> (002, 40),
    -> (002, 41),
    -> (002, 42),
    -> (002, 43),
    -> (002, 44),
    -> (002, 45),
    -> (002, 46),
    -> (002, 47),
    -> (002, 48),
    -> (002, 49),
    -> (002, 50),
    -> (002, 51)
    -> ;
Query OK, 22 rows affected (0.075 sec)
Records: 22  Duplicates: 0  Warnings: 0
```