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Praktikum Sistem Basis Data Modul ke 5

1. Praktikum

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

MariaDB [datakuliaah]> use perbankan;
Database changed
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values
-> (1, "Sutopo", "Jl. Jendral Sudirman 12"),
-> (2, "Meryati", "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"),
-> (7, "Indri Hapsari", "Jl. Sutoyo 5"),
-> (8, "Sari Murti", "Jl. Pangandaran 11"),
-> (9, "Canka Lokananta", "Jl. Tidar 86"),
-> (10, "Budi Murtono", "Jl. Merak 22")
-> ;
Query OK, 10 rows affected (0.451 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

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

MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values
-> ("BRUS", "Bank Rut Unit Surakarta", "Jl. Slamet Riyadi 18"),
-> ("BRUM", "Bank Rut Unit Magelang", "Jl. P. Tendean 63"),
-> ("BRUB", "Bank Rut Unit Boyolali", "Jl. Ahmad Yani 45"),
-> ("BRUK", "Bank Rut Unit Klaten", "Jl. Suparman 23"),
-> ("BRUW", "Bank Rut Unit Wonogiri", "Jl. Anggrek 21")
-> ;
Query OK, 5 rows affected (0.100 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

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

MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
-> (101, "BRUS", "1111", 500000),
-> (102, "BRUS", "2222", 350000),
-> (103, "BRUS", "3333", 750000),
-> (104, "BRUM", "4444", 900000),
-> (105, "BRUM", "5555", 2000000),
-> (106, "BRUS", "6666", 3000000),
-> (107, "BRUS", "7777", 1000000),
-> (108, "BRUB", "0000", 5000000),
-> (109, "BRUB", "9999", 0),
-> (110, "BRUY", "1234", 550000),
-> (111, "BRUK", "4321", 150000),
-> (112, "BRUK", "0123", 300000),
-> (113, "BRUY", "8888", 255000)
-> ;
Query OK, 13 rows affected (0.063 sec)
Records: 13 Duplicates: 0 Warnings: 0
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C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) 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_nasabahFK, 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)

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2. Tugas

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-> (<"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, status_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>),
-> (<"JSemi", 120>),

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MariaDB [datakuliah] > insert into mahasiswa_has_dosen(NIM_mhsFK, id_dosenFK) values
-> (<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>),
-> ;

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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

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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

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