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Kelas : H

MODUL 5

- Data nasabah

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
  -> VALUES(1, 'Sutopo', 'Jl. Jenderal 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'),
  -> (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 (0.087 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

- Data cabang_bank

```
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'),
  -> ('BRUY', 'Bank Rut Unit Yogyakarta', 'Jl. Anggrek 21'),
  -> ('BRUW', 'Bank Rut Unit Wonogiri', 'Jl. Untung Suropati 12');
Query OK, 6 rows affected (0.085 sec)
Records: 6 Duplicates: 0 Warnings: 0
```

- Data rekening

```
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', DEFAULT),
  -> (110, 'BRUY', 'DEFAULT', 550000),
  -> (111, 'BRUK', '4321', 150000),
  -> (112, 'BRUK', '0123', 300000),
  -> (113, 'BRUY', '8888', 255000);
Query OK, 13 rows affected (0.083 sec)
Records: 13 Duplicates: 0 Warnings: 0
```

- Data nasabah_has_rekening

```
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 (0.086 sec)
Records: 15 Duplicates: 0 Warnings: 0
```

- Data transaksi

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
-> VALUES(NULL, 105, 3, 'debit', DEFAULT, 50000),
-> (NULL, 103, 2, 'debit', DEFAULT, 40000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 20000),
-> (NULL, 106, 3, 'debit', DEFAULT, 50000),
-> (NULL, 107, 5, 'kredit', DEFAULT, 30000),
-> (NULL, 104, 1, 'kredit', DEFAULT, 200000),
-> (NULL, 110, 9, 'kredit', DEFAULT, 150000),
-> (NULL, 102, 5, 'debit', DEFAULT, 20000),
-> (NULL, 105, 3, 'kredit', DEFAULT, 50000),
-> (NULL, 107, 4, 'debit', DEFAULT, 100000),
-> (NULL, 103, 2, 'debit', DEFAULT, 100000),
-> (NULL, 104, 1, 'debit', DEFAULT, 50000),
-> (NULL, 107, 4, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 3, 'debit', DEFAULT, 40000),
-> (NULL, 104, 1, 'kredit', DEFAULT, 100000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 20000),
-> (NULL, 103, 2, 'debit', DEFAULT, 50000),
-> (NULL, 102, 5, 'debit', DEFAULT, 50000),
-> (NULL, 108, 10, 'debit', DEFAULT, 100000),
-> (NULL, 106, 3, 'kredit', DEFAULT, 50000),
-> (NULL, 103, 2, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 3, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 5, 'debit', DEFAULT, 20000),
-> (NULL, 104, 1, 'debit', DEFAULT, 50000),
-> (NULL, 103, 2, 'debit', DEFAULT, 40000),
-> (NULL, 101, 4, 'debit', DEFAULT, 50000),
-> (NULL, 103, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 5, 'kredit', DEFAULT, 200000),
-> (NULL, 109, 7, 'debit', DEFAULT, 100000),
-> (NULL, 110, 9, 'debit', DEFAULT, 20000);
Query OK, 30 rows affected (0.105 sec)
Records: 30 Duplicates: 0 Warnings: 0
```

- Update Kasus

```

MariaDB [perbankan]> UPDATE nasabah
  -> SET alamat_nasabah = 'Jl. Slamet Riyadi 34'
  -> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.065 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> UPDATE cabang_bank
  -> SET alamat_cabang = 'Jl. A.Yani 23'
  -> WHERE kode_cabang = 'BRUW';
Query OK, 1 row affected (0.097 sec)
Rows matched: 1  Changed: 1  Warnings: 0

```

- Penghapusan Kasus

```

MariaDB [perbankan]> DELETE FROM nasabah
  -> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.069 sec)

MariaDB [perbankan]> DELETE FROM cabang_bank
  -> WHERE nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.052 sec)

```

TUGAS MODUL 5

Soal :

Masukkan beberapa record ke setiap table dalam database yang telah anda buat pada modul 4. Print out hasil implementasi rancangan tersebut dan Analisa hasilnya. (Masing-masing 10 record untuk table master dan 20 record untuk table transaksi).

- Table nasabah (10 record)

```

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
  -> VALUES(11, 'Cecylia', 'Jl. Menco 04'),
  -> (12, 'Ivanka', 'Jl. Nanas 12'),
  -> (13, 'Fakhar', 'Jl. Cempedak 2'),
  -> (14, 'Riska', 'Jl. Elang 3'),
  -> (15, 'Baity', 'Jl. Cawas 25'),
  -> (16, 'Yuni', 'Jl. HM.Arsyad 16'),
  -> (17, 'Shilvia', 'Jl. Giro 08'),
  -> (18, 'Ajeng Meidita', 'Jl. Garuda Mas 15'),
  -> (19, 'Supratman', 'Jl. Kapten Mulyono 24'),
  -> (20, 'Jumiati', 'Jl. Rose 03');
Query OK, 10 rows affected (0.072 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

- Table cabang_bank (10 record)

```

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> VALUES('BRUP', 'Bank Rut Unit Ponorogo', 'Jl. Dr.Sutomo 12'),
-> ('BRUC', 'Bank Rut Unit Caruban', 'Jl. Ahmad Yani 24'),
-> ('BRUG', 'Bank Rut Unit Gresik', 'Jl. Gresik 15'),
-> ('BRUJ', 'Bank Rut Unit Jember', 'Jl. Jember 17'),
-> ('BRUN', 'Bank Rut Unit Ngawi', 'Jl. Ngawi 20'),
-> ('BRUT', 'Bank Rut Unit Tulungagung', 'Jl. Agung 22'),
-> ('BRUL', 'Bank Rut Unit Lampung', 'Jl. Kalianda 11'),
-> ('BRUA', 'Bank Rut Unit Ambon', 'Jl. MT. Haryono 18'),
-> ('BRUD', 'Bank Rut Unit Dumai', 'Jl. Pelita 21'),
-> ('BRUKa', 'Bank Rut Unit Kalimantan', 'Jl. Tjilik Riwut 30');
Query OK, 10 rows affected (0.064 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

- Table rekening (10 record)

```

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo)
-> VALUES(114, 'BRUN', '1356', 100000),
-> (115, 'BRUP', '2457', 200000),
-> (116, 'BRUC', '3678', 300000),
-> (117, 'BRUG', '7899', 400000),
-> (118, 'BRUJ', '1303', 500000),
-> (119, 'BRUT', '1347', 600000),
-> (120, 'BRUL', '1212', 750000),
-> (121, 'BRUA', '1313', 550000),
-> (122, 'BRUD', '1414', 80000),
-> (123, 'BRUKa', '1515', 900000);
Query OK, 10 rows affected (0.045 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

- Table nasabah_has_rekening (10 record)

```

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK)
-> VALUES(11, 101),
-> (12, 102),
-> (13, 103),
-> (14, 104),
-> (15, 105),
-> (16, 106),
-> (17, 107),
-> (18, 108),
-> (19, 109),
-> (20, 110);
Query OK, 10 rows affected (0.050 sec)
Records: 10  Duplicates: 0  Warnings: 0

```

- Table transaksi (20 record)

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
-> VALUES(NULL, 111, 1, 'debit', DEFAULT, 50000),
-> (NULL, 112, 2, 'debit', DEFAULT, 60000),
-> (NULL, 113, 3, 'kredit', DEFAULT, 800000),
-> (NULL, 114, 4, 'kredit', DEFAULT, 700000),
-> (NULL, 115, 5, 'debit', DEFAULT, 55000),
-> (NULL, 116, 6, 'debit', DEFAULT, 80000),
-> (NULL, 117, 7, 'debit', DEFAULT, 60000),
-> (NULL, 117, 8, 'kredit', DEFAULT, 500000),
-> (NULL, 112, 9, 'debit', DEFAULT, 90000),
-> (NULL, 116, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 114, 1, 'kredit', DEFAULT, 300000),
-> (NULL, 112, 1, 'kredit', DEFAULT, 750000),
-> (NULL, 112, 8, 'debit', DEFAULT, 50000),
-> (NULL, 111, 9, 'debit', DEFAULT, 80000),
-> (NULL, 113, 7, 'kredit', DEFAULT, 200000),
-> (NULL, 117, 3, 'kredit', DEFAULT, 400000),
-> (NULL, 118, 5, 'kredit', DEFAULT, 850000),
-> (NULL, 118, 7, 'debit', DEFAULT, 100000),
-> (NULL, 112, 6, 'kredit', DEFAULT, 500000),
-> (NULL, 116, 4, 'debit', DEFAULT, 90000);
Query OK, 20 rows affected (0.071 sec)
Records: 20 Duplicates: 0 Warnings: 0
```