

PRAK SISTEM BASIS DATA

NAMA : ALIP TABAH SAPUTRO

NIM : L200180215

KELAS : H

MODUL : 5

```
C:\Windows\system32\cmd.exe - mysql -u root -p
4 rows in set (0.01 sec)

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 (0.01 sec)
Records: 13 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabah, no_rekening) VALUES
-> (1,104),
-> (2,103),
-> (3,105),
-> (4,106),
-> (5,101),
-> AEFSEFSF;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax t
o use near 'AEFSEFSF' at line 7
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabah, no_rekening) 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);
ERROR 1054 (42S22): Unknown column 'id_nasabah' in 'field list'
MariaDB [perbankan]> describe nasabah_has_rekening;
```

Field	Type	Null	Key	Default	Extra

```
C:\Windows\system32\cmd.exe - mysql -u root -p
-> (10,108);
ERROR 1054 (42S22): Unknown column 'id_nasabah' in 'field list'
MariaDB [perbankan]> describe nasabah_has_rekening;
```

Field	Type	Null	Key	Default	Extra
id_nasabahFK	int(11)	NO	PRI	NULL	
no_rekeningFK	int(11)	NO	PRI	NULL	

```
2 rows in set (0.01 sec)

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 (0.00 sec)
Records: 15 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> describe transaksi;
```

Field	Type	Null	Key	Default	Extra
no_transaksi	bigint(20)	unsigned	NO	PRI	NULL auto_increment
id_nasabahFK	int(11)	YES	YES	NULL	
no_rekeningFK	int(11)	YES	YES	NULL	
jenis_transaksi	varchar(20)	NO	NO	debit	
tanggal	datetime	NO	NO	CURRENT_TIMESTAMP	
jumlah	int(11)	NO	NO	NULL	

```
6 rows in set (0.01 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (1,103,3,'debit',2009-11-10,50000);
Query OK, 1 row affected, 1 warning (0.00 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (2,103,2,'debit',2009-11-10,40000);
```

```
C:\Windows\system32\cmd.exe - mysql -u root -p
no_transaksi      bigint(20) unsigned    NO    PRI    NULL    auto_increment
id_nasabahFK      int(11)                YES   YES    NULL
no_rekeningFK     int(11)                YES   YES    NULL
jenis_transaksi   varchar(20)            NO    NO     CURRENT_TIMESTAMP
tanggal           date                   NO    NO     NULL
jumlah            int(11)                NO    NO     NULL
-----
6 rows in set (0.01 sec)

Mariadb [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (1,105,3,'debit',2009-11-10,50000);
Query OK, 1 row affected, 1 warning (0.00 sec)

Mariadb [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (2,103,2,'debit',2009-11-10,40000),
-> (3,101,4,'kredit',2009-11-12,20000),
-> (4,106,3,'debit',2009-11-13,50000),
-> (5,107,5,'kredit',2009-11-13,30000),
-> (6,104,1,'kredit',2009-11-15,200000),
-> (7,110,9,'kredit',2009-11-15,150000),
-> (8,102,3,'debit',2009-11-16,20000),
-> (9,105,3,'kredit',2009-11-18,50000),
-> (10,107,4,'debit',2009-11-19,100000),
-> (11,103,2,'debit',2009-11-19,100000),
-> (12,104,1,'debit',2009-11-19,50000),
-> (13,107,4,'kredit',2009-11-20,200000),
-> (14,105,3,'debit',2009-11-21,40000),
-> (15,104,1,'kredit',2009-11-22,100000),
-> (16,101,4,'kredit',2009-11-22,20000),
-> (17,103,2,'debit',2009-11-22,50000),
-> (18,102,5,'debit',2009-11-25,50000),
-> (19,108,10,'debit',2009-11-26,100000),
-> (20,106,3,'kredit',2009-11-27,50000),
-> (21,103,2,'kredit',2009-11-28,200000),
-> (22,105,3,'kredit',2009-11-28,100000),
-> (23,102,5,'debit',2009-11-30,20000),
-> (24,104,1,'debit',2009-12-1,50000),
-> (25,103,2,'debit',2009-12-2,40000),
-> (26,101,4,'debit',2009-12-4,50000),
-> (27,103,2,'kredit',2009-12-5,100000),
-> (28,102,5,'kredit',2009-12-5,200000),
-> (29,109,7,'debit',2009-12-5,100000),
-> (30,110,9,'debit',2009-12-6,20000);
Query OK, 29 rows affected, 29 warnings (0.00 sec)
Records: 29 Duplicates: 0 Warnings: 29

Mariadb [perbankan]> UPDATE nasabah
-> SET alamat_nasabah = 'Jl.Slamet Riyadi 34'
-> WHERE nama_nasabah = 'Indri Hapsari';
```

```
C:\Windows\system32\cmd.exe - mysql -u root -p
-> (7,110,9,'kredit',2009-11-15,150000),
-> (8,102,3,'debit',2009-11-16,20000),
-> (9,105,3,'kredit',2009-11-18,50000),
-> (10,107,4,'debit',2009-11-19,100000),
-> (11,103,2,'debit',2009-11-19,100000),
-> (12,104,1,'debit',2009-11-19,50000),
-> (13,107,4,'kredit',2009-11-20,200000),
-> (14,105,3,'debit',2009-11-21,40000),
-> (15,104,1,'kredit',2009-11-22,100000),
-> (16,101,4,'kredit',2009-11-22,20000),
-> (17,103,2,'debit',2009-11-22,50000),
-> (18,102,5,'debit',2009-11-25,50000),
-> (19,108,10,'debit',2009-11-26,100000),
-> (20,106,3,'kredit',2009-11-27,50000),
-> (21,103,2,'kredit',2009-11-28,200000),
-> (22,105,3,'kredit',2009-11-28,100000),
-> (23,102,5,'debit',2009-11-30,20000),
-> (24,104,1,'debit',2009-12-1,50000),
-> (25,103,2,'debit',2009-12-2,40000),
-> (26,101,4,'debit',2009-12-4,50000),
-> (27,103,2,'kredit',2009-12-5,100000),
-> (28,102,5,'kredit',2009-12-5,200000),
-> (29,109,7,'debit',2009-12-5,100000),
-> (30,110,9,'debit',2009-12-6,20000);
Query OK, 29 rows affected, 29 warnings (0.00 sec)
Records: 29 Duplicates: 0 Warnings: 29

Mariadb [perbankan]> UPDATE nasabah
-> SET alamat_nasabah = 'Jl.Slamet Riyadi 34'
-> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

Mariadb [perbankan]> UPDATE cabang_bank
-> SET alamat_cabang = 'Jl.Ahmad Yani 23'
-> WHERE kode_cabang = 'BRUW';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0

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 (0.00 sec)
Records: 6 Duplicates: 0 Warnings: 0
```