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Tugas Modul 5

Nasabah ditambahkan 10 record

```
Administrator C:\WINDOWS\system32\cmd.exe - mysql -u root -p
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 perbankan
Database changed
MariaDB [perbankan]> show tables;
+-----+
| Tables_in_perbankan |
+-----+
| cabang_bank          |
| nasabah              |
| nasabah_has_rekening |
| rekening             |
| transaksi             |
+-----+
5 rows in set (0.000 sec)

MariaDB [perbankan]> select * from nasabah;
+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 2 | Maryati | RT. Haryono 31 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Hanggi 15 |
| 5 | Budi Eko Prayogo | Jl. Kentil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sirl Marl | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
+-----+
9 rows in set (0.379 sec)

MariaDB [perbankan]> desc nasabah;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_nasabah | int(11) | NO | PRI | NULL | |
| nama_nasabah | varchar(45) | NO | | NULL | |
| alamat_nasabah | varchar(255) | NO | | NULL | |
+-----+
3 rows in set (0.004 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES
-> (11, 'Rudi Haryanto', 'Jl. Angrek 11'),
-> (12, 'Bobi Kodrat', 'Jl. Kedondong 143'),
-> (13, 'Prengki Kusnandar', 'Jl. Aramaya 12'),
-> (14, 'Joji Harjanto', 'Jl. Nanas 1'),
-> (15, 'Randi Susanto', 'Jl. Merpati 23'),
-> (16, 'Susilo Subandono', 'Jl. Merpati 2'),
-> (17, 'Nancy Tureno', 'Jl. Melon 122'),
-> (18, 'Ariessa Susanti', 'Jl. Gatotkaca 145'),
-> (19, 'Rico Jumadi', 'Jl. Janaka 14'),
-> (20, 'Budi kusnandar', 'Jl. Pattimura 113');
Query OK, 10 rows affected (0.484 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]>
```

```
Administrator C:\WINDOWS\system32\cmd.exe - mysql -u root -p
+-----+
| alamat_nasabah | varchar(255) | NO | | NULL | |
+-----+
3 rows in set (0.004 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES
-> (11, 'Rudi Haryanto', 'Jl. Angrek 11'),
-> (12, 'Bobi Kodrat', 'Jl. Kedondong 143'),
-> (13, 'Prengki Kusnandar', 'Jl. Aramaya 12'),
-> (14, 'Joji Harjanto', 'Jl. Nanas 1'),
-> (15, 'Randi Susanto', 'Jl. Merpati 23'),
-> (16, 'Susilo Subandono', 'Jl. Merpati 2'),
-> (17, 'Nancy Tureno', 'Jl. Melon 122'),
-> (18, 'Ariessa Susanti', 'Jl. Gatotkaca 145'),
-> (19, 'Rico Jumadi', 'Jl. Janaka 14'),
-> (20, 'Budi kusnandar', 'Jl. Pattimura 113');
Query OK, 10 rows affected (0.484 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from nasabah;
+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 2 | Maryati | RT. Haryono 31 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Hanggi 15 |
| 5 | Budi Eko Prayogo | Jl. Kentil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sirl Marl | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
| 11 | Rudi Haryanto | Jl. Angrek 11 |
| 12 | Bobi Kodrat | Jl. Kedondong 143 |
| 13 | Prengki Kusnandar | Jl. Aramaya 12 |
| 14 | Joji Harjanto | Jl. Nanas 1 |
| 15 | Randi Susanto | Jl. Merpati 23 |
| 16 | Susilo Subandono | Jl. Merpati 2 |
| 17 | Nancy Tureno | Jl. Melon 122 |
| 18 | Ariessa Susanti | Jl. Gatotkaca 145 |
| 19 | Rico Jumadi | Jl. Janaka 14 |
| 20 | Budi kusnandar | Jl. Pattimura 113 |
+-----+
19 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Cabang_bank ditambahkan 10 record

```
Administrator C:\WINDOWS\system32\cmd.exe -mysql -root >
BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
BRUK | Bank Rut Unit Klaton | Jl. Suparman 23 |
BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
BRUL | Bank Rut Unit Wonogiri | Jl. Jantung Surapati 12 |
BRUY | Bank Rut Unit Yogyakarta | Jl. Angrek 21 |
-----
5 rows in set (0.347 sec)

MariaDB [perbankan]> show tables cabang_bank;
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 to use near 'cabang_bank' at line 1
MariaDB [perbankan]> show table cabang_bank;
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 to use near 'cabang_bank' at line 1
MariaDB [perbankan]> desc cabang_bank
-> ;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| kode_cabang | varchar(20) | NO | PRI | NULL | |
| nama_cabang | varchar(45) | NO | UNI | NULL | |
| alamat_cabang | varchar(255) | NO | | NULL | |
+-----+
3 rows in set (0.005 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES
-> ('BRUA', 'Bank Rut Unit Ambon', 'Jl. Ubuyamba 123'),
-> ('BRUC', 'Bank Rut Unit Cirebon', 'Jl. Rakaraya 83'),
-> ('BRUD', 'Bank Rut Unit Denpasar', 'Jl. Ngurah Rai 125'),
-> ('BRUG', 'Bank Rut Unit Gajayana', 'Jl. Dadali 1'),
-> ('BRUH', 'Bank Rut Unit Honolulu', 'Jl. Gagak 221'),
-> ('BRUI', 'Bank Rut Unit Italia', 'Jl. Piere 35'),
-> ('BRUL', 'Bank Rut Unit Lampung', 'Jl. Merdeka 112'),
-> ('BRUM', 'Bank Rut Unit Mataram', 'Jl. Kapitan 12'),
-> ('BRUN', 'Bank Rut Unit Natuna', 'Jl. Api Merdeka 74'),
-> ('BRUP', 'Bank Rut Unit Palembang', 'Jl. Pempek 153'),
Query OK, 10 rows affected (0.383 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from cabang_bank;
+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+
| BRUA | Bank Rut Unit Ambon | Jl. Ubuyamba 123 |
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC | Bank Rut Unit Cirebon | Jl. Rakaraya 83 |
| BRUD | Bank Rut Unit Denpasar | Jl. Ngurah Rai 125 |
| BRUG | Bank Rut Unit Gajayana | Jl. Dadali 1 |
| BRUH | Bank Rut Unit Honolulu | Jl. Gagak 221 |
| BRUI | Bank Rut Unit Italia | Jl. Piere 35 |
| BRUL | Bank Rut Unit Klaton | Jl. Suparman 23 |
| BRUL | Bank Rut Unit Lampung | Jl. Merdeka 112 |
| BRUM | Bank Rut Unit Mataram | Jl. Kapitan 12 |
| BRUN | Bank Rut Unit Natuna | Jl. Api Merdeka 74 |
| BRUP | Bank Rut Unit Palembang | Jl. Pempek 153 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUL | Bank Rut Unit Wonogiri | Jl. Jantung Surapati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Angrek 21 |
+-----+
15 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Rekening ditambahkan 10 record

```
Administrator C:\WINDOWS\system32\cmd.exe -mysql -root >
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 |
-----
13 rows in set (0.352 sec)

MariaDB [perbankan]> desc rekening;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| no_rekening | int(11) | NO | PRI | NULL | |
| kode_cabangFK | varchar(20) | YES | | NULL | |
| pin | varchar(20) | NO | | 1234 | |
| saldo | int(11) | NO | | 0 | |
+-----+
4 rows in set (0.004 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES
-> (114, 'BRUA', '1112', 7000000),
-> (115, 'BRUC', '1113', 4500000),
-> (116, 'BRUD', '1114', 7000000),
-> (117, 'BRUG', '1115', 420000),
-> (118, 'BRUH', '1116', 890000),
-> (119, 'BRUI', '1117', 2500000),
-> (120, 'BRUL', '1118', 6400000),
-> (121, 'BRUM', '1119', 325500),
-> (122, 'BRUN', '1120', 2414333),
-> (123, 'BRUP', '1121', 2300000),
Query OK, 10 rows affected (0.389 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from rekening;
+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+
| 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 |
| 114 | BRUA | 1112 | 7000000 |
| 115 | BRUC | 1113 | 4500000 |
| 116 | BRUD | 1114 | 7000000 |
| 117 | BRUG | 1115 | 420000 |
| 118 | BRUH | 1116 | 890000 |
| 119 | BRUI | 1117 | 2500000 |
| 120 | BRUL | 1118 | 6400000 |
| 121 | BRUM | 1119 | 325500 |
| 122 | BRUN | 1120 | 2414333 |
| 123 | BRUP | 1121 | 2300000 |
+-----+
13 rows in set (0.000 sec)
```

Nasabah has rekening ditambahkan 10 record

```
Administrator: C:\WINDOWS\system32\cmd.exe - mysql -u root -p
6      100
7      100
8      111
9      112
10     110
11     108
12     113
-----
15 rows in set (0.337 sec)

MariaDB [perbankan]> desc 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 (0.004 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES
-> (11, 114),
-> (12, 115),
-> (13, 116),
-> (14, 117),
-> (15, 118),
-> (16, 119),
-> (17, 120),
-> (18, 121),
-> (19, 125),
-> (20, 189);
Query OK, 10 rows affected (0.361 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from nasabah_has_rekening;
+-----+
| id_nasabahFK | no_rekeningFK |
+-----+
| 1 | 104 |
| 2 | 103 |
| 3 | 105 |
| 3 | 106 |
| 4 | 101 |
| 4 | 107 |
| 5 | 102 |
| 5 | 107 |
| 6 | 100 |
| 7 | 109 |
| 8 | 111 |
| 8 | 112 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |
| 11 | 114 |
| 12 | 115 |
| 13 | 116 |
| 14 | 117 |
| 15 | 118 |
| 16 | 119 |
| 17 | 120 |
| 18 | 121 |
| 19 | 125 |
| 20 | 189 |
+-----+
25 rows in set (0.001 sec)
```

Menambahkan 20 record untuk table transaksi

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (31, 119, 3, 'debit', 2010-1-1, 50000);
Query OK, 1 row affected, 1 warning (0.372 sec)
```

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (32, 111, 4, 'debit', 2010-1-2, 55000);
Query OK, 1 row affected, 1 warning (0.100 sec)
```

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (33, 103, 2, 'debit', 2010-1-5, 58000),
-> (34, 109, 6, 'debit', 2010-1-9, 87000),
-> (35, 187, 4, 'kredit', 2010-1-10, 45000);
Query OK, 3 rows affected, 3 warnings (0.348 sec)
Records: 3 Duplicates: 0 Warnings: 3
```

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (36, 182, 8, 'kredit', 2010-1-11, 53000);
Query OK, 1 row affected, 1 warning (0.055 sec)
```

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (37, 102, 2, 'debit', 2010-1-13, 45000);
Query OK, 1 row affected, 1 warning (0.354 sec)
```

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (38, 165, 1, 'debit', 2010-1-15, 64000);
Query OK, 1 row affected, 1 warning (0.119 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi,id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (39, 105, 1, 'debit', 2010-1-17, 61000),
-> (40, 117, 1, 'kredit', 2010-1-19, 51000),
-> (41, 116, 8, 'kredit', 2010-1-21, 53000),
-> (42, 143, 2, 'kredit', 2010-1-25, 75000),
-> (43, 155, 5, 'debit', 2010-1-27, 25000),
-> (44, 113, 2, 'debit', 2010-2-13, 46000),
-> (45, 142, 5, 'debit', 2010-2-16, 61000),
-> (46, 112, 5, 'debit', 2010-2-19, 82000),
-> (47, 153, 2, 'debit', 2010-2-21, 52000),
-> (48, 132, 6, 'kredit', 2010-3-21, 36000),
-> (49, 129, 6, 'kredit', 2010-3-25, 35000),
-> (50, 106, 1, 'debit', 2010-3-29, 40000);
Query OK, 12 rows affected, 12 warnings (0.359 sec)
Records: 12 Duplicates: 0 Warnings: 12

MariaDB [perbankan]>
```

no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	105	3	debit	0000-00-00 00:00:00	50000
2	103	2	debit	0000-00-00 00:00:00	40000
3	101	4	kredit	0000-00-00 00:00:00	20000
4	106	3	debit	0000-00-00 00:00:00	50000
5	107	5	kredit	0000-00-00 00:00:00	30000
6	104	1	kredit	0000-00-00 00:00:00	200000
7	110	9	kredit	0000-00-00 00:00:00	150000
8	102	5	debit	0000-00-00 00:00:00	20000
9	105	3	kredit	0000-00-00 00:00:00	50000
10	107	4	debit	0000-00-00 00:00:00	100000
11	103	2	debit	0000-00-00 00:00:00	100000
12	104	1	debit	0000-00-00 00:00:00	50000
13	107	4	kredit	0000-00-00 00:00:00	200000
14	105	3	debit	0000-00-00 00:00:00	40000
15	104	1	kredit	0000-00-00 00:00:00	100000
16	101	4	kredit	0000-00-00 00:00:00	20000
17	103	2	debit	0000-00-00 00:00:00	50000
18	102	5	debit	0000-00-00 00:00:00	50000
19	108	10	debit	0000-00-00 00:00:00	100000
20	106	3	kredit	0000-00-00 00:00:00	50000
21	103	2	kredit	0000-00-00 00:00:00	200000
22	105	3	kredit	0000-00-00 00:00:00	100000
23	102	5	debit	0000-00-00 00:00:00	20000
24	104	1	debit	0000-00-00 00:00:00	50000
25	103	2	debit	0000-00-00 00:00:00	40000
26	101	4	debit	0000-00-00 00:00:00	50000
27	103	2	kredit	0000-00-00 00:00:00	100000
28	102	5	kredit	0000-00-00 00:00:00	200000
29	109	7	debit	0000-00-00 00:00:00	100000
30	110	9	debit	0000-00-00 00:00:00	20000
31	119	3	debit	0000-00-00 00:00:00	50000
32	111	4	debit	0000-00-00 00:00:00	55000
33	103	2	debit	0000-00-00 00:00:00	58000
34	109	6	debit	0000-00-00 00:00:00	87000
35	187	4	kredit	0000-00-00 00:00:00	45000
36	182	8	kredit	0000-00-00 00:00:00	53000
37	102	2	debit	0000-00-00 00:00:00	45000
38	165	1	debit	0000-00-00 00:00:00	64000
39	105	1	debit	0000-00-00 00:00:00	61000
40	117	1	kredit	0000-00-00 00:00:00	51000
41	116	8	kredit	0000-00-00 00:00:00	53000
42	143	2	kredit	0000-00-00 00:00:00	75000
43	155	5	debit	0000-00-00 00:00:00	25000
44	113	2	debit	0000-00-00 00:00:00	46000
45	142	5	debit	0000-00-00 00:00:00	61000
46	112	5	debit	0000-00-00 00:00:00	82000
47	153	2	debit	0000-00-00 00:00:00	52000
48	132	6	kredit	0000-00-00 00:00:00	36000
49	129	6	kredit	0000-00-00 00:00:00	35000
50	106	1	debit	0000-00-00 00:00:00	40000

50 rows in set (0.001 sec)

MariaDB [perbankan]>