Laporan Tugas Praktikum Sistem Basis Data

NIM   : L200180014
Nama   : Andika Wirapala F. A.
Modul   : 5

TUGAS MODUL 5

NASABAH

```
                 at line 1
MariaDB [perbankan]> INSERT INTO nasabah VALUES(11, 'Cahyono', 'Jl.Rajawali 114'),
    -> (12, 'Iqbal', 'Jl.Toba 120'),
    -> (13, 'Maryani', 'Jl.Anggreksari 43'),
    -> (14, 'Septiani', 'Jl.Cendrawasih 22'),
    -> (15, 'Niko', 'Jl.Volkano 21'),
    -> (16, 'Mawar Indah', 'Jl.Merpati 65'),
    -> (17, 'Bagas', 'Jl.Gajah 55'),
    -> (18, 'Bagus', 'Jl.Kampus1 75'),
    -> (19, 'Andika', 'Jl.Sejati 60'),
    -> (20, 'Angkasa', 'Jl.Mulya 32');
Query OK, 10 rows affected (0.112 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

```
+------------+------------------+----------------------------+
| id_nasabah | nama_nasabah     | alamat_nasabah             |
+------------+------------------+----------------------------+
|          1 | Sutopo           | Jl.Jenderal Sudirman No.12 |
|          2 | Maryati          | Jl.MT Haryono 31           |
|          3 | Suparman         | Jl.Hasanuddin 81           |
|          4 | Kartika Padmasari | Jl.Manggis 15             |
|          5 | Budi Eko Prayoga | Jl.Kantil 30               |
|          6 | Satria Eka Jaya  | Jl.Slamet Riyadi 45        |
|          8 | Sari Murti       | Jl.Pangandaran 11          |
|          9 | Canka Lokananta  | Jl.Tidar 86                |
|         10 | Budi Martono     | Jl.Merak 22                |
|         11 | Cahyono          | Jl.Rajawali 114            |
|         12 | Iqbal            | Jl.Toba 120                |
|         13 | Maryani          | Jl.Anggreksari 43          |
|         14 | Septiani         | Jl.Cendrawasih 22          |
|         15 | Niko             | Jl.Volkano 21              |
|         16 | Mawar Indah      | Jl.Merpati 65              |
|         17 | Bagas            | Jl.Gajah 55                |
|         18 | Bagus            | Jl.Kampus1 75              |
|         19 | Andika           | Jl.Sejati 60               |
|         20 | Angkasa          | Jl.Mulya 32                |
+------------+------------------+----------------------------+
```

CABANG_BANK

```
MariaDB [perbankan]> INSERT INTO cabang_bank VALUES('BRUBA', 'Bank Rut Unit Bandung', 'Jl.Perintis Kemerdekaan 65'),
    -> ('BRUP', 'Bank Rut Unit Pekalongan', 'Jl.Toba 31'),
    -> ('BRUT', 'Bank Rut Unit Tegal', 'Jl.Cut Nyak Dien 170'),
    -> ('BRUG', 'Bank Rut Unit Garut', 'Jl.Bromo 23'),
    -> ('BRUCI', 'Bank Rut Unit Cirebon', 'Jl.Sriwijaya 63'),
    -> ('BRUSE', 'Bank Rut Unit Semarang', 'Jl.Gajah Mada 45'),
    -> ('BRUTS', 'Bank Rut Unit Tasikmalaya', 'Jl.Hasanuddin 105'),
    -> ('BRUJ', 'Bank Rut Unit Jakarta', 'Jl.Pattimura 65'),
    -> ('BRUKN', 'Bank Rut Unit Kendal', 'Jl.Brantas 3'),
    -> ('BRUSB', 'Bank Rut Unit Surabaya', 'Jl.Mawar 101');
Query OK, 10 rows affected (0.100 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Unit Boyolali	Jl.Ahmad Yani 45
BRUBA	Bank Rut Unit Bandung	Jl.Perintis Kemerdekaan 65
BRUCI	Bank Rut Unit Cirebon	Jl.Sriwijaya 63
BRUG	Bank Rut Unit Garut	Jl.Bromo 23
BRUJ	Bank Rut Unit Jakarta	Jl.Pattimura 65
BRUK	Bank Rut Unit Klaten	Jl.Suparman 23
BRUKN	Bank Rut Unit Kendal	Jl.Brantas 3
BRUP	Bank Rut Unit Pekalongan	Jl.Toba 31
BRUS	Bank Rut Unit Surakarta	Jl,Slamet Riyadi 18
BRUSB	Bank Rut Unit Surabaya	Jl.Mawar 101
BRUSE	Bank Rut Unit Semarang	Jl.Gajah Mada 45
BRUT	Bank Rut Unit Tegal	Jl.Cut Nyak Dien 170
BRUTS	Bank Rut Unit Tasikmalaya	Jl.Hasanuddin 105
BRUW	Bank Rut Unit Wonogiri	Jl.Ahmad Yani No.23
BRUY	Bank Rut Unit Yogyakarta	Jl.Anggrek 21

REKENING

```
MariaDB [perbankan]> INSERT INTO rekening VALUES(114, 'BRUJ', 9999, 900000),
    -> (115, 'BRUSE', 7712, 75000),
    -> (116, 'BRUT', 3321, 10000000),
    -> (117, 'BRUKN', 0610, 150000),
    -> (118, 'BRUP', 4421, 50000),
    -> (119, 'BRUKN', 552, 850000),
    -> (120, 'BRUBA', 669, 600000),
    -> (121, 'BRUK', 1002, 80000),
    -> (122, 'BRUTS', 6241, 950000),
    -> (123, 'BRUS', 7763, 1500000),
    -> (124, 'BRUCI', 8852, 450000);
Query OK, 11 rows affected (0.110 sec)
Records: 11  Duplicates: 0  Warnings: 0
```

```
+-------------+---------------+------+----------+
| no_rekening | kode_cabangFK | pin  | saldo    |
+-------------+---------------+------+----------+
|         101 | BRUS          | 1111 |   500000 |
|         102 | BRUS          | 2222 |   350000 |
|         103 | BRUS          | 333  |   750000 |
|         104 | BRUM          | 4444 |   900000 |
|         105 | BRUM          | 5555 |   200000 |
|         106 | BRUS          | 6666 |  3000000 |
|         107 | BRUS          | 7777 |  1000000 |
|         108 | BRUB          | 0    |  5000000 |
|         109 | BRUB          | 9999 |        0 |
|         110 | BRUY          | 1234 |   550000 |
|         111 | BRUK          | 4321 |   150000 |
|         112 | BRUK          | 123  |   300000 |
|         113 | BRUY          | 8888 |   255000 |
|         114 | BRUJ          | 9999 |   900000 |
|         115 | BRUSE         | 7712 |    75000 |
|         116 | BRUT          | 3321 | 10000000 |
|         117 | BRUKN         | 610  |   150000 |
|         118 | BRUP          | 4421 |    50000 |
|         119 | BRUKN         | 552  |   850000 |
|         120 | BRUBA         | 669  |   600000 |
|         121 | BRUK          | 1002 |    80000 |
|         122 | BRUTS         | 6241 |   950000 |
|         123 | BRUS          | 7763 |  1500000 |
|         124 | BRUCI         | 8852 |   450000 |
+-------------+---------------+------+----------+
```

NASABAH_HAS_REKENING

```
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening VALUES(11, 124),
    -> (12, 120),
    -> (13, 115),
    -> (14, 119),
    -> (15, 121),
    -> (16, 123),
    -> (17, 117),
    -> (18, 116),
    -> (19, 122),
    -> (20, 114);
Query OK, 10 rows affected (0.100 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

```
+------------+--------------+
| id_nasabahFK | no_rekeningFK |
+------------+--------------+
|          1 |          104 |
|          2 |          103 |
|          3 |          105 |
|          3 |          106 |
|          4 |          101 |
|          4 |          107 |
|          5 |          102 |
|          5 |          107 |
|          6 |          109 |
|          7 |          109 |
|          8 |          111 |
|          8 |          112 |
|          9 |          110 |
|         10 |          108 |
|         10 |          113 |
|         11 |          124 |
|         12 |          120 |
|         13 |          115 |
|         14 |          119 |
|         15 |          121 |
|         16 |          123 |
|         17 |          117 |
|         18 |          116 |
|         19 |          122 |
|         20 |          114 |
+------------+--------------+
```

TRANSAKSI

```
MariaDB [perbankan]> INSERT INTO transaksi VALUES(31, 118, 11, 'kredit', '2019-12-8', 25000),
    -> (32, 114, 14, 'debit', '2019-12-11', 50000),
    -> (33, 117, 19, 'debit', '2019-12-13', 100000),
    -> (34, 121, 16, 'kredit', '2019-12-16', 150000),
    -> (35, 123, 12, 'kredit', '2019-12-17', 100000),
    -> (36, 124, 9, 'debit', '2019-12-22', 500000),
    -> (37, 110, 2, 'debit', '2019-12-24', 300000),
    -> (38, 102, 20, 'debit', '2019-12-27', 250000),
    -> (39, 110, 2, 'kredit', '2019-12-30', 175000),
    -> (40, 115, 5, 'kredit', '2020-1-5', 200000),
    -> (41, 112, 6, 'kredit', '2020-1-8', 250000),
    -> (42, 119, 4, 'debit', '2020-1-9', 2000000),
    -> (43, 111, 7, 'debit', '2020-1-12', 300000),
    -> (44, 113, 16, 'kredit', '2020-1-13', 150000),
    -> (45, 108, 8, 'debit', '2020-1-17', 80000),
    -> (46, 103, 12, 'kredit', '2020-1-19', 35000),
    -> (47, 111, 5, 'debit', '2020-1-21', 50000),
    -> (48, 105, 18, 'kredit', '2020-1-24', 100000),
    -> (49, 117, 3, 'debit', '2020-1-26', 195000),
    -> (50, 116, 14, 'kredit', '2020-1-27', 50000);
Query OK, 20 rows affected (0.201 sec)
Records: 20  Duplicates: 0  Warnings: 0
```

no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	3	105	debit	2009-11-10 00:00:00	50000
2	2	103	debit	2009-11-10 00:00:00	40000
3	4	101	kredit	2009-11-12 00:00:00	20000
4	3	106	debit	2009-11-13 00:00:00	50000
5	5	107	kredit	2009-11-13 00:00:00	30000
6	1	104	kredit	2009-11-15 00:00:00	200000
7	9	110	kredit	2009-11-15 00:00:00	150000
8	5	102	debit	2009-11-16 00:00:00	20000
9	3	105	kredit	2009-11-18 00:00:00	50000
10	4	107	debit	2009-11-19 00:00:00	100000
11	2	103	debit	2009-11-19 00:00:00	100000
12	1	104	debit	2009-11-19 00:00:00	50000
13	4	107	kredit	2009-11-20 00:00:00	200000
14	3	105	debit	2009-11-21 00:00:00	40000
15	1	104	kredit	2009-11-22 00:00:00	100000
16	4	101	kredit	2009-11-22 00:00:00	40000
17	2	103	debit	2009-11-22 00:00:00	50000
18	5	102	debit	2009-11-25 00:00:00	50000
19	10	108	debit	2009-11-26 00:00:00	100000
20	3	106	kredit	2009-11-27 00:00:00	50000
21	2	103	kredit	2009-11-28 00:00:00	200000
22	3	105	kredit	2009-11-28 00:00:00	100000
23	5	102	debit	2009-11-30 00:00:00	20000
24	1	104	debit	2009-12-01 00:00:00	50000
25	2	103	debit	2009-12-02 00:00:00	40000
26	4	101	debit	2009-12-04 00:00:00	50000
27	2	103	kredit	2009-12-05 00:00:00	100000
28	5	102	kredit	2009-12-05 00:00:00	200000
29	7	109	debit	2009-12-05 00:00:00	100000
30	9	110	debit	2009-12-06 00:00:00	20000
31	118	11	kredit	2019-12-08 00:00:00	25000
32	114	14	debit	2019-12-11 00:00:00	50000
33	117	19	debit	2019-12-13 00:00:00	100000
34	121	16	kredit	2019-12-16 00:00:00	150000
35	123	12	kredit	2019-12-17 00:00:00	100000
36	124	9	debit	2019-12-22 00:00:00	500000
37	110	2	debit	2019-12-24 00:00:00	300000
38	102	20	debit	2019-12-27 00:00:00	250000
39	110	2	kredit	2019-12-30 00:00:00	175000
40	115	5	kredit	2020-01-05 00:00:00	200000
41	112	6	kredit	2020-01-08 00:00:00	250000
42	119	4	debit	2020-01-09 00:00:00	2000000
43	111	7	debit	2020-01-12 00:00:00	300000
44	113	16	kredit	2020-01-13 00:00:00	150000
45	108	8	debit	2020-01-17 00:00:00	80000
46	103	12	kredit	2020-01-19 00:00:00	35000
47	111	5	debit	2020-01-21 00:00:00	50000
48	105	18	kredit	2020-01-24 00:00:00	100000
49	117	3	debit	2020-01-26 00:00:00	195000
50	116	14	kredit	2020-01-27 00:00:00	50000