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Laporan Tugas Praktikum Sistem Basis Data

Modul 5

1. Menambahkan record ke dalam table nasabah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES
-> (11,'Maryato','Jl. Sendiri 11'),
-> (12,'Marya','Jl. Sendiri Lagi 12'),
-> (13,'Slivendoms','Jl. Berdua 22'),
-> (14,'Sliven','Jl. Berdua Lagi 21'),
-> (15,'Rizqi','Jl. Bersama 40'),
-> (16,'Rizqi','Jl. Bersama Lagi 42'),
-> (17,'Erdy','Jl. Mangga 2'),
-> (18,'Rizqi Erdy','Jl. Manggis 32'),
-> (19,'Rizqi Er','Jl. Capek 31'),
-> (20,'Rizqi Erdyansyah','Jl. NIM 171');
Query OK, 10 rows affected (0.004 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman |
| 2 | Maryati | Jl. M.T Haryono |
| 3 | Suparman | Jl. Hasanudin |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayogo | 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 Murtono | Jl. Merak 22 |
| 11 | Maryato | Jl. Sendiri 11 |
| 12 | Marya | Jl. Sendiri Lagi 12 |
| 13 | Slivendoms | Jl. Berdua 22 |
| 14 | Sliven | Jl. Berdua Lagi 21 |
| 15 | Rizqi | Jl. Bersama 40 |
| 16 | Rizqi | Jl. Bersama Lagi 42 |
| 17 | Erdy | Jl. Mangga 2 |
| 18 | Rizqi Erdy | Jl. Manggis 32 |
| 19 | Rizqi Er | Jl. Capek 31 |
| 20 | Rizqi Erdyansyah | Jl. NIM 171 |
+-----+-----+-----+
19 rows in set (0.000 sec)
```

2. Menambahkan record ke dalam table cabang_bank

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES
-> ('BRUC','Bank Rut Unit Capek','Jl. Capek 18'),
-> ('BRUL','Bank Rut Unit Lelah','Jl. Lelah 34'),
-> ('BRUM','Bank Rut Unit Mager','Jl. Banyak 99'),
-> ('BRUD','Bank Rut Unit Demak','Jl. A. Yah 8'),
-> ('BRUN','Bank Rut Unit Naga','Jl. A. Staga 11'),
-> ('BRUR','Bank Rut Unit Roma','Jl. Pisa 5'),
-> ('BRUP','Bank Rut Unit Paris','Jl. Eiffel 23'),
-> ('BRUG','Bank Rut Unit Goa','Jl. Gelap 18'),
-> ('BRUA','Bank Rut Unit Amrik','Jl. Trump 50'),
-> ('BRUT','Bank Rut Unit Tangerang','Jl. Tangsel 44');
Query OK, 10 rows affected (0.002 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUA        | Bank Rut Unit Amrik | Jl. Trump 50 |
| BRUB        | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC        | Bank Rut Unit Capek | Jl. Capek 18 |
| BRUD        | Bank Rut Unit Demak | Jl. A. Yah 8 |
| BRUG        | Bank Rut Unit Goa | Jl. Gelap 18 |
| BRUK        | Bank Rut Unit Klaten | Jl. Anggrek 21 |
| BRUL        | Bank Rut Unit Lelah | Jl. Lelah 34 |
| BRUM        | Bank Rut Unit Mager | Jl. Banyak 99 |
| BRUN        | Bank Rut Unit Naga | Jl. A. Staga 11 |
| BRUP        | Bank Rut Unit Paris | Jl. Eiffel 23 |
| BRUR        | Bank Rut Unit Roma | Jl. Pisa 5 |
| BRUS        | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUT        | Bank Rut Unit Tangerang | Jl. Tangsel 44 |
| BRUW        | Bank Rut Unit Wonogiri | Jl. A. Yani 23 |
| BRUY        | Bank Rut Unit Yogyakarta | Jl. Superman 23 |
+-----+-----+-----+
15 rows in set (0.000 sec)
```

3. Menambahkan record ke dalam table

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES
-> (114,'BRUA','1481',500000),(115,'BRUT','1541',500000),
-> (116,'BRUT','1225',2500000),(117,'BRUM','4851',100000),
-> (118,'BRUL','1267',370000),(121,'BRUG','4092',100000),
-> (120,'BRUL','4567',270000),(119,'BRUL','4844',150000),
-> (122,'BRUG','7894',870000),(123,'BRUG','7592',700000);
Query OK, 10 rows affected (0.002 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 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 |
| 114 | BRUA | 1481 | 500000 |
| 115 | BRUT | 1541 | 500000 |
| 116 | BRUT | 1225 | 2500000 |
| 117 | BRUM | 4851 | 100000 |
| 118 | BRUL | 1267 | 370000 |
| 119 | BRUL | 4844 | 150000 |
| 120 | BRUL | 4567 | 270000 |
| 121 | BRUG | 4092 | 100000 |
| 122 | BRUG | 7894 | 870000 |
| 123 | BRUG | 7592 | 700000 |
+-----+-----+-----+-----+
23 rows in set (0.000 sec)
```

4. Menambahkan record ke dalam table nasabah_has_rekening

Command Prompt - mysql -u root -p

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(no_rekeningFK, id_nasabahFK) VALUES

```
-> (114, 11),(115,12),  
-> (116, 13),(117,14),  
-> (118, 13),(117,15),  
-> (121, 15),(120,16),  
-> (122, 18),(123,17);
```

Query OK, 10 rows affected (0.002 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from nasabah_has_rekening;

no_rekeningFK	id_nasabahFK
104	1
103	2
105	3
106	3
101	4
107	4
102	5
107	5
109	6
109	7
111	8
112	8
110	9
108	10
113	10
114	11
115	12
116	13
118	13
117	14
117	15
121	15
120	16
123	17
122	18

25 rows in set (0.000 sec)

5. Menambahkan record ke dalam table transaksi

Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
-> (31, 15, 121,'debit', DEFAULT ,150000),(32, 18, 122,'kredit', DEFAULT, 140000),(33, 13, 118,'kredit', DEFAULT,120000),
-> (34, 15, 121,'kredit', DEFAULT ,150000),(35, 17, 123,'kredit', DEFAULT, 140000),(36, 14, 117,'kredit', DEFAULT,120000),
-> (37, 15, 117,'kredit', DEFAULT ,150000),(38, 11, 114,'kredit', DEFAULT, 140000),(39, 13, 116,'kredit', DEFAULT,120000),
-> (40, 12, 115,'kredit', DEFAULT ,150000),(41, 16, 120,'kredit', DEFAULT, 140000),(42, 14, 117,'kredit', DEFAULT,120000),
-> (43, 11, 114,'kredit', DEFAULT ,150000),(44, 17, 123,'kredit', DEFAULT, 140000),(45, 18, 122,'kredit', DEFAULT,120000),
-> (46, 14, 117,'kredit', DEFAULT ,150000),(47, 13, 116,'kredit', DEFAULT, 140000),(48, 12, 115,'kredit', DEFAULT,120000),
-> (49, 13, 118,'kredit', DEFAULT ,150000),(50, 14, 117,'kredit', DEFAULT, 140000),(51, 12, 115,'kredit', DEFAULT,120000);
```

Query OK, 21 rows affected (0.002 sec)

Records: 21 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from transaksi;

no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	3	105	debit	2009-11-10 00:00:00	50000
2	2	101	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	20000
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	15	121	debit	2020-03-27 23:47:33	150000
32	18	122	kredit	2020-03-27 23:47:33	140000
33	13	118	kredit	2020-03-27 23:47:33	120000
34	15	121	kredit	2020-03-27 23:47:33	150000
35	17	123	kredit	2020-03-27 23:47:33	140000