

## MODUL 5 ( Data Manipulation Language(DML))

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KELAS : A

Modul : 5

### Bagian Tugas

*Membuat 10 record untuk masing-masing table master dan 20 record untuk table transaksi*

```
Command Prompt - mysql -u root
MariaDB [perbankan]> select * from nasabah;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl. Jend Sudirman 12
2	Maryati	Jl. Melati 31
3	Parmam	Jl. Mawar 81
4	Tika Padma	Jl. Manggis 15
5	Budi Eko Prayoga	Jl. Kantil 30
6	Satria Eka Jaya	Jl. Slamet Riyadi 45
7	Indri Hapsari	Jl. Sutopo 5
8	Sari Murti	Jl. Pangandaran 1
9	Canka Lokananta	Jl. Tidar 86
10	Budi Murtono	Jl. Merak 22
11	Prakoso	Jl. Malang 17
12	Yati	Jl. Harsono 20
13	Eko	Jl. Cut 41
14	Andi	Jl. Anggur 39
15	Yoga	Jl. Jeruk 37
16	Eka	Jl. Riyadi 65
17	Kartika	Jl. Sutopo 8
18	Sari Putri	Jl. Jangkrik 15
19	Bagus	Jl. Semut 86
20	Dimas	Jl. sesama 222

```
20 rows in set (0.00 sec)

MariaDB [perbankan]> select * from cabang_bank;
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Unit Boyolali	Jl. Karang 55
BRUBE	Bank Rut Unit Bendosari	Jl. Bendosari 23
BRUBEK	Bank Rut Unit Bekonang	Jl. Bekonang 45
BRUJ	Bank Rut Unit Jaten	Jl. Jaten 12
BRUK	Bank Rut Unit Klaten	Jl. Mawar 29
BRUM	Bank Rut Unit Magelang	Jl. Pandan 66
BRUP	Bank Rut Unit Palur	Jl. Palur 21
BRUPOL	Bank Rut Unit Polokarto	Jl. Godog 18
BRUS	Bank Rut Unit Surakarta	Jl. Slamet Riyadi 8
BRUSUK	Bank Rut Unit Sukoharjo	Jl. Gayam 63
BRUW	Bank Rut Unit Wonogiri	Jl. Suropati 12
BRUY	Bank Rut Unit Yogyakarta	Jl. Melati 21

20 rows in set

```
Command Prompt - mysql -u root
MariaDB [perbankan]> select * from cabang_bank;
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Unit Boyolali	Jl. Karang 55
BRUBE	Bank Rut Unit Bendosari	Jl. Bendosari 23
BRUBEK	Bank Rut Unit Bekonang	Jl. Bekonang 45
BRUD	Bank Rut Unit Jaten	Jl. Jaten 12
BRUK	Bank Rut Unit Klaten	Jl. Mawar 29
BRUM	Bank Rut Unit Magelang	Jl. Pandan 66
BRUP	Bank Rut Unit Palur	Jl. Palur 21
BRUPOL	Bank Rut Unit Polokarto	Jl. Godog 18
BRUS	Bank Rut Unit Surakarta	Jl. Slamet Riyadi 8
BRUSUK	Bank Rut Unit Sukoharjo	Jl. Gayam 63
BRUW	Bank Rut Unit Wonogiri	Jl. Suropati 12
BRUY	Bank Rut Unit Yogyakarta	Jl. Melati 21

```
12 rows in set (0.04 sec)

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	BRUB	7777	1000000
108	BRUB	8888	5000000
109	BRUB	9999	0
1010	BRUY	1234	550000
1011	BRUK	4321	150000
1012	BRUK	123	300000
1013	BRUY	8888	255000
1020	BRUS	2222	350000
1030	BRUS	3333	750000
1040	BRUM	4444	900000
1050	BRUM	5555	2000000
1060	BRUS	6666	3000000
1070	BRUB	7777	1000000
1080	BRUB	8888	5000000
1090	BRUB	9999	0

12 rows in set

```
Command Prompt - mysql -u root
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	BRUB	7777	1000000
108	BRUB	8888	5000000
109	BRUB	9999	0
1010	BRUY	1234	550000
1011	BRUK	4321	150000
1012	BRUK	123	300000
1013	BRUY	8888	255000
1020	BRUS	2222	350000
1030	BRUS	3333	750000
1040	BRUM	4444	900000
1050	BRUM	5555	2000000
1060	BRUS	6666	3000000
1070	BRUB	7777	1000000
1080	BRUB	8888	5000000
1090	BRUB	9999	0
1110	BRUY	1234	550000
1111	BRUK	4321	150000
1112	BRUK	123	300000
1113	BRUY	8888	255000

```
25 rows in set (0.00 sec)

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

25 rows in set

```
Command Prompt - mysql -u root
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 | 109 |
| 7 | 109 |
| 8 | 112 |
| 8 | 1101 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |
| 11 | 103 |
| 12 | 122 |
| 13 | 136 |
| 13 | 144 |
| 14 | 112 |
| 14 | 123 |
| 15 | 101 |
| 15 | 106 |
| 16 | 131 |
| 17 | 102 |
| 18 | 117 |
| 18 | 1121 |
| 19 | 114 |
| 20 | 105 |
| 20 | 115 |
+-----+-----+
30 rows in set (0.00 sec)

MariaDB [perbankan]> select * from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 3 | 105 | debit | 2019-03-27 18:18:13 | 50000 |
| 2 | 2 | 103 | debit | 2019-03-27 18:18:13 | 40000 |
| 3 | 4 | 101 | kredit | 2019-03-27 18:18:13 | 20000 |
```

30 rows in set

```
Command Prompt - mysql -u root
MariaDB [perbankan]> select * from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 3 | 105 | debit | 2019-03-27 18:18:13 | 50000 |
| 2 | 2 | 103 | debit | 2019-03-27 18:18:13 | 40000 |
| 3 | 4 | 101 | kredit | 2019-03-27 18:18:13 | 20000 |
| 4 | 3 | 106 | debit | 2019-03-27 18:18:13 | 50000 |
| 5 | 5 | 107 | kredit | 2019-03-27 18:18:13 | 30000 |
| 6 | 1 | 104 | kredit | 2019-03-27 18:18:13 | 200000 |
| 7 | 9 | 110 | kredit | 2019-03-27 18:18:13 | 150000 |
| 8 | 5 | 102 | debit | 2019-03-27 18:18:13 | 20000 |
| 9 | 3 | 105 | kredit | 2019-03-27 18:18:13 | 50000 |
| 10 | 4 | 107 | debit | 2019-03-27 18:18:13 | 100000 |
| 11 | 2 | 103 | debit | 2019-03-27 18:18:14 | 100000 |
| 12 | 1 | 104 | debit | 2019-03-27 18:18:14 | 50000 |
| 13 | 4 | 107 | kredit | 2019-03-27 18:18:14 | 200000 |
| 14 | 3 | 105 | debit | 2019-03-27 18:18:14 | 40000 |
| 15 | 1 | 104 | kredit | 2019-03-27 18:18:14 | 100000 |
| 16 | 4 | 101 | kredit | 2019-03-27 18:18:14 | 20000 |
| 17 | 2 | 103 | debit | 2019-03-27 18:18:14 | 50000 |
| 18 | 5 | 102 | debit | 2019-03-27 18:18:14 | 50000 |
| 19 | 10 | 108 | debit | 2019-03-27 18:18:14 | 100000 |
| 20 | 3 | 106 | kredit | 2019-03-27 18:18:14 | 50000 |
| 21 | 2 | 103 | kredit | 2019-03-27 18:18:14 | 200000 |
| 22 | 3 | 105 | kredit | 2019-03-27 18:18:14 | 100000 |
| 23 | 5 | 102 | debit | 2019-03-27 18:18:14 | 20000 |
| 24 | 1 | 104 | debit | 2019-03-27 18:18:14 | 50000 |
| 25 | 2 | 103 | debit | 2019-03-27 18:18:14 | 40000 |
| 26 | 4 | 101 | debit | 2019-03-27 18:18:14 | 50000 |
| 27 | 2 | 103 | kredit | 2019-03-27 18:18:14 | 100000 |
| 28 | 5 | 102 | kredit | 2019-03-27 18:18:14 | 200000 |
| 29 | 7 | 109 | debit | 2019-03-27 18:18:14 | 100000 |
| 30 | 9 | 110 | debit | 2019-03-27 18:18:14 | 20000 |
| 31 | 2 | 103 | debit | 2019-03-27 18:18:14 | 100000 |
| 32 | 1 | 104 | debit | 2019-03-27 18:18:14 | 50000 |
| 33 | 4 | 107 | kredit | 2019-03-27 18:18:14 | 200000 |
| 34 | 3 | 105 | debit | 2019-03-27 18:18:14 | 40000 |
| 35 | 1 | 104 | kredit | 2019-03-27 18:18:14 | 100000 |
| 36 | 4 | 101 | kredit | 2019-03-27 18:18:15 | 24000 |
| 37 | 2 | 103 | debit | 2019-03-27 18:18:15 | 54000 |
| 38 | 5 | 109 | debit | 2019-03-27 18:18:15 | 55000 |
| 39 | 10 | 101 | debit | 2019-03-27 18:18:15 | 1450000 |
| 40 | 3 | 112 | kredit | 2019-03-27 18:18:15 | 55000 |
```

```
Command Prompt - mysql -u root

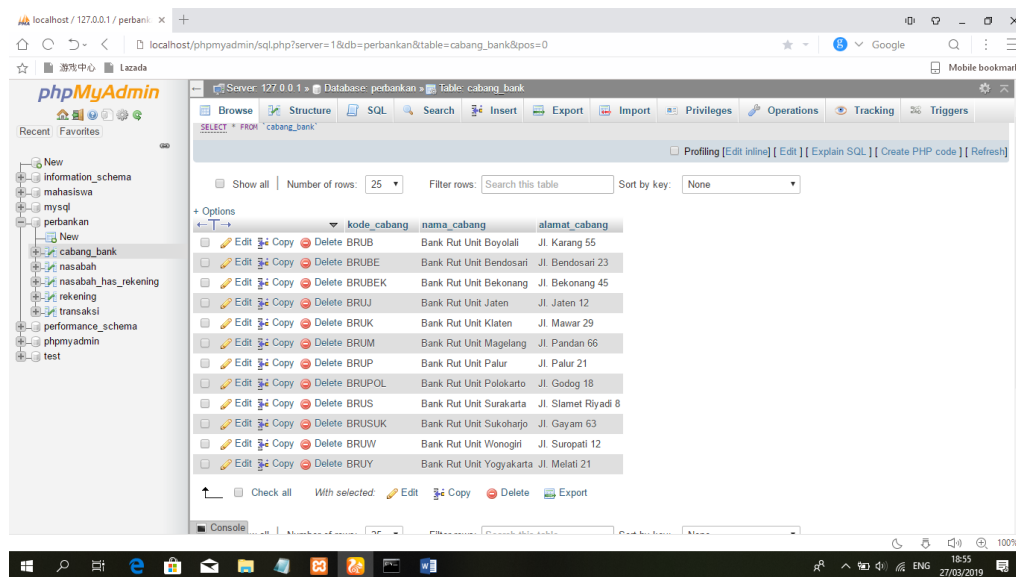
16      4      101      kredit      2019-03-27 18:18:14      20000
17      2      103      debit      2019-03-27 18:18:14      50000
18      2      102      debit      2019-03-27 18:18:14      50000
19      10     108      debit      2019-03-27 18:18:14      100000
20      3      106      kredit      2019-03-27 18:18:14      50000
21      2      103      kredit      2019-03-27 18:18:14      200000
22      3      105      kredit      2019-03-27 18:18:14      100000
23      5      102      debit      2019-03-27 18:18:14      20000
24      1      104      debit      2019-03-27 18:18:14      50000
25      2      103      debit      2019-03-27 18:18:14      40000
26      4      101      debit      2019-03-27 18:18:14      50000
27      2      103      kredit      2019-03-27 18:18:14      100000
28      5      102      kredit      2019-03-27 18:18:14      200000
29      7      109      debit      2019-03-27 18:18:14      100000
30      9      110      debit      2019-03-27 18:18:14      20000
31      2      103      debit      2019-03-27 18:18:14      100000
32      1      104      debit      2019-03-27 18:18:14      50000
33      4      107      kredit      2019-03-27 18:18:14      200000
34      3      105      debit      2019-03-27 18:18:14      40000
35      1      104      kredit      2019-03-27 18:18:14      100000
36      4      101      kredit      2019-03-27 18:18:15      24000
37      2      103      debit      2019-03-27 18:18:15      54000
38      5      109      debit      2019-03-27 18:18:15      55000
39      10     101      debit      2019-03-27 18:18:15      1450000
40      3      112      kredit      2019-03-27 18:18:15      55000
41      2      103      kredit      2019-03-27 18:18:15      230000
42      3      105      kredit      2019-03-27 18:18:15      150000
43      5      102      debit      2019-03-27 18:18:15      25000
44      7      104      debit      2019-03-27 18:18:15      565000
45      9      103      debit      2019-03-27 18:18:15      465000
46      3      121      debit      2019-03-27 18:18:15      50000
47      2      133      kredit      2019-03-27 18:18:15      500000
48      5      142      kredit      2019-03-27 18:18:15      400000
49      7      109      debit      2019-03-27 18:18:15      120000
50      9      110      debit      2019-03-27 18:18:15      23000

50 rows in set (0.02 sec)

MariaDB [perbankan]>
```

50 rows in set

Localhost :



localhost / 127.0.0.1 / perbank... x

localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=nasabah&pos=0

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  - transaksi
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 • Database: perbankan • Table: nasabah

	id_nasabah	nama_nasabah	alamat_nasabah
1	1	Sutopo	Jl. Jend Sudirman 12
2	2	Maryati	Jl. Melati 31
3	3	Paman	Jl. Mawar 81
4	4	Tika Padma	Jl. Manggis 15
5	5	Budi Eko Prayoga	Jl. Kanti 30
6	6	Satria Eka Jaya	Jl. Slamet Riyadi 45
7	7	Indri Hapsari	Jl. Sutoyo 5
8	8	Sari Murti	Jl. Pangandaran 1
9	9	Canka Lokananta	Jl. Tidar 86
10	10	Budi Murtono	Jl. Merak 22
11	11	Prakoso	Jl. Malang 17
12	12	Yati	Jl. Harsono 20
13	13	Eko	Jl. Cut 41
14	14	Andi	Jl. Anggar 39
15	15	Yoga	Jl. Jenuk 37
16	16	Eka	Jl. Riyadi 65
17	17	Kartika	Jl. Sutopo 8
18	18	Sari Putri	Jl. Jangkrik 15
19	19	Bagus	Jl. Semut 86

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  - nasabah
  - nasabah\_has\_rekening
  - rekening
  - transaksi
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 • Database: perbankan • Table: nasabah\_has\_rekening

	id_nasabahFK	no_rekeningFK
1	1	104
2	2	103
3	3	105
4	3	106
5	4	101
6	4	107
7	5	102
8	5	107
9	6	109
10	7	109
11	8	112
12	8	1101
13	9	110
14	10	108
15	10	113
16	11	103
17	12	122
18	13	136
19	13	144
20	14	117

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  - rekening
  - transaksi
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 • Database: perbankan • Table: rekening

	no_rekening	kode_cabangFK	pin	saldo
1	101	BRUS	1111	500000
2	102	BRUS	2222	350000
3	103	BRUS	3333	750000
4	104	BRUM	4444	900000
5	105	BRUM	5555	2000000
6	106	BRUS	6666	3000000
7	107	BRUB	7777	1000000
8	108	BRUB	8888	5000000
9	109	BRUB	9999	0
10	1010	BRUY	1234	550000
11	1011	BRUK	4321	150000
12	1012	BRUK	123	300000
13	1013	BRUY	8888	255000
14	1020	BRUS	2222	350000
15	1030	BRUS	3333	750000
16	1040	BRUM	4444	900000
17	1050	BRUM	5555	2000000
18	1060	BRUS	6666	3000000
19	1070	BRUB	7777	1000000
20	1080	BRUB	8888	5000000

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localhost / 127.0.0.1 / perbank: x

localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=transaksi&pos=0

Server: 127.0.0.1 » Database: perbankan » Table: transaksi

Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

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  - transaksi
- performance\_schema
- phpmyadmin
- test

	no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	3	105	debit	2019-03-27 18:18:13	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	2	103	debit	2019-03-27 18:18:13	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	4	101	kredit	2019-03-27 18:18:13	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	3	106	debit	2019-03-27 18:18:13	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	5	107	kredit	2019-03-27 18:18:13	30000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1	104	kredit	2019-03-27 18:18:13	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	9	110	kredit	2019-03-27 18:18:13	150000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	5	102	debit	2019-03-27 18:18:13	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	3	105	kredit	2019-03-27 18:18:13	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	4	107	debit	2019-03-27 18:18:13	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	2	103	debit	2019-03-27 18:18:14	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	12	1	104	debit	2019-03-27 18:18:14	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	4	107	kredit	2019-03-27 18:18:14	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	3	105	debit	2019-03-27 18:18:14	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	1	104	kredit	2019-03-27 18:18:14	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	4	101	kredit	2019-03-27 18:18:14	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	2	103	debit	2019-03-27 18:18:14	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	5	102	debit	2019-03-27 18:18:14	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	10	108	debit	2019-03-27 18:18:14	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20	3	106	kredit	2019-03-27 18:18:14	50000

Console ☐ Edit ☐ Copy ☐ Delete

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