Nama: Fikri Zaki Haiqal

NIM : L200170079

Kelas: D

Modul: V

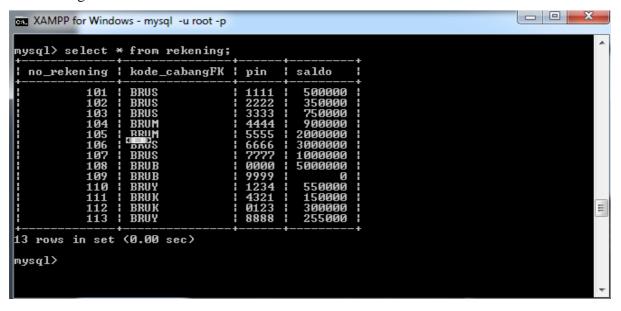
LATIHAN

1. Tabel nasabah

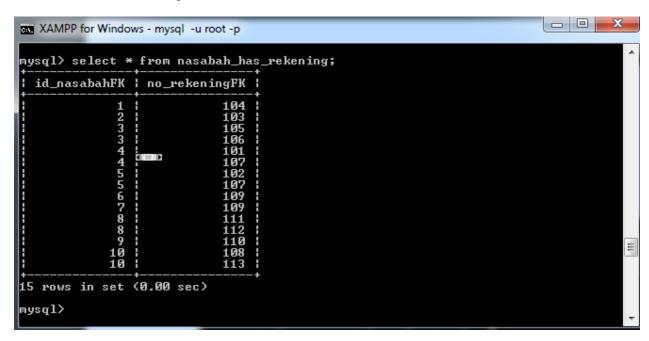
2. Tabel cabang_bank

```
- - X
XAMPP for Windows - mysql -u root -p
mysql> select * from cabang_bank;
   kode_cabang | nama_cabang
                                                                             alamat_cabang
                                                                             Jl. Ahmad Yani 45
Jl. Suparman 23
Jl. P. Tendean 63
Jl. Slamet Riyadi 18
Jl. Untung Suropati 12
Jl. Anggrek 21
   BRUB
BRUK
BRUM
BRUS
BRUW
                                     Rut
Rut
Rut
Rut
Rut
Rut
                                             Unit Boyolali
Unit Klaten
Unit Magelang
Unit Surakarta
                             Bank
                             Bank
                             Bank
                             Bank
                            Rank
                                             Unit Wonogiri
Unit Yogyakarta
   BRUY
   rows in set (0.00 sec)
mysq1>
```

3. Tabel rekening



4. Tabel nasabah_has_rekening



5. Tabel transaksi

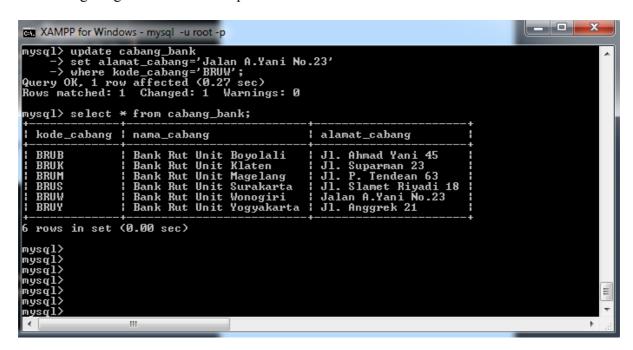
o_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	¦ jumlał
1	105	3	debit	: 2009-11-10 00:00:00	
2 3	103 :	2		¦ 2009-11-10 00:00:00	1 40000
3	101 :	4	¦ kredit	2009-11-12 00:00:00	1 20000
4	106 :	35195342	¦ debit	2009-11-13 00:00:00	: 50000
5	107 :	5	¦ kredit	2009-11-13 00:00:00	: 30000
6 7	104 :	1	¦ kredit	2009-11-15 00:00:00	1 200000
7	110 :	9	¦ kredit	2009-11-15 00:00:00	1 150000
8	102	5	¦ debit	2009-11-16 00:00:00	1 20000
9	105 ;	3	¦ kredit	2009-11-18 00:00:00	1 50000
10	107 :	4	¦ debit	2009-11-19 00:00:00	100000
11	103 :	2	¦ debit	2009-11-19 00:00:00	100000
12	104 :	1	¦ debit	2009-11-19 00:00:00	1 50000
13	107 :	4	¦ kredit	2009-11-20 00:00:00	1 200000
14	103 :	4 3	l debit	2009-11-21 00:00:00	40000
15	104 :	1	¦ kredit	2009-11-22 00:00:00	100000
16	101 :	4 2 5	¦ kredit	2009-11-22 00:00:00	1 20000
17	113 :	2	¦ debit	2009-11-22 00:00:00	1 50000
18	102 :	5	¦ debit	2009-11-25 00:00:00	1 50000
19	108 :	10	¦ debit	2009-11-26 00:00:00	100000
20	106 :	3	¦ kredit	2009-11-27 00:00:00	1 50000
21	103 :	2	¦ kredit	2009-11-28 00:00:00	1 200000
22	105 ;	3	¦ kredit	2009-11-28 00:00:00	100000
23	102 :	3 5	¦ debit	2009-11-12 00:00:00	1 20000
24	104 :	1	¦ debit	2009-12-01 00:00:00	1 50000
25	103 :	$\bar{2}$	¦ debit	2009-12-02 00:00:00	40000
26	101 :	4	¦ debit	2009-12-04 00:00:00	: 50GG
27	103	2 5	kredit	2009-12-05 00:00:00	100000
28	102 :	5	¦ kredit	2009-12-05 00:00:00	1 200000
29	109	7	debit	1 2009-12-05 00:00:00	10000
30	110	ģ	debit	1 2009-12-06 00:00:00	2000

6. Update

a. Nasabah dengan nama "Indri Hapsari" pindah alamat ke "Jalan Slamet Riyadi No.34"



b. Cabang dengan kode "BRUW" pindah ke alamat "Jalan A. Yani No.23"



7. Delete

a. Nasabah dengan id "7" menutup rekeningnya

b. Cabang dengan nama_cabang "Bank Rut Unit Magelang" menutup kantornya

```
_ - X
XAMPP for Windows - mysql -u root -p
                    10 | Budi Murtono
                                                                  ¦ J1. Merak 22
   rows in set (0.00 sec)
mysq1>
mysq1>
mysq1>
mysq1>
mysq1>
mysq1>
mysq1>
mysq1>
delete from cabang_bank
-> where nama_cabang='Bank Rut Unit Magelang';
Query OK, 1 row affected (0.66 sec)
 mysql> select * from cabang_bank;
   kode_cabang | nama_cabang
                                                                                    alamat_cabang
                               Bank Rut Unit Boyolali
Bank Rut Unit Klaten
Bank Rut Unit Surakarta
Bank Rut Unit Wonogiri
Bank Rut Unit Yogyakarta
                                                                                    Jl. Ahmad Yani 45
Jl. Suparman 23
Jl. Slamet Riyadi 18
Jalan A.Yani No.23
Jl. Anggrek 21
    BRUB
   BRUK
BRUS
    BRUW
BRUY
                                                                                                                                                                    Ξ
    rows in set (0.00 sec)
                              III
```

TUGAS

1) Tabel nasabah

```
XAMPP for Windows - mysql -u root -p
     rows in set (0.00 sec)
mysql> insert into nasabah (id_nasabah, nama_nasabah, alamat_nasabah) values
-> (11, 'Fikri', 'Jl. Kaki 32'),
-> (12, 'Zaki', 'Jl. Jalan 91'),
-> (13, 'Haiqal', 'Jl. Bareng 16'),
-> (14, 'Sinten', 'Jl. Ninaja 15'),
-> (15, 'Siapa', 'Jl. Kuning 30'),
-> (16, 'Eka Jaya', 'Jl. Yuk 49'),
-> (17, 'Indra ', 'Jl. Siapa 9'),
-> (18, 'Sari ', 'Jl. Pangandaran 14'),
-> (19, 'Lokananta', 'Jl. Hijau 85'),
-> (20, 'Murtono', 'Jl. Merah 25')
-> ;
Query OK, 10 rows affected (1.15 sec)
Records: 10 Duplicates: 0 Warnings: 0
mysql> select * from nasabah;
     id_nasabah ¦ nama_nasabah
                                                                                     | alamat_nasabah
                                                                                        Jl. Jendral Sudirman 12
Jl. MT Haryono 31
Jl. Hasanudin 81
                                      Sutopo
                            1
2
3
                                      Maryati
Suparman
                                                                                        Jl. Hasanudin 81
Jl. Manggis 15
Jl. Kantil 30
Jl. Slamet Riyadi 45
Jl. Pangandaran 11
Jl. Tidar 86
Jl. Merak 22
Jl. Kaki 32
                                      Kartika Padmasari
Budi Eko Prayogo
Satria Eka Jaya
Sari Murti
                            5689
                                      Canka Lokananta
                                      Budi Murtono
Fikri
                          10
                          11
                                                                                                   Kaki 32
Jalan 91
Bareng 16
Ninaja 15
Kuning 30
Yuk 49
Siapa 9
Pangandaran 14
                                                                                        J1.
J1.
J1.
J1.
                          12
13
14
15
16
17
                                      Zaki
                                      Haiqal
                                      Sinten
Siapa
                                                                                         J1.
                                      Eka Jaya
                                      Indra
Sari
                                                                                        Jî.
Jî.
                          19
20
                                                                                         Jl. Hijau 85
Jl. Merah 25
                                       Lokananta
                                      Murtono
19
       rows in set (0.00 sec)
```

2) Tabel cabang_bank

3) Tabel rekening

```
XAMPP for Windows - mysql -u root -p
mysql>
mysql>
->
->
mysql>
mysql> insert
-> (1014,
-> (1015,
-> (1016,
-> (1017,
-> (1018,
-> (1019,
-> (120,
-> (121,
-> (123,
'
Query OK, 10 I
Records: 10 I
                                                                            (no_rekening, kode_cabangFK, pin, saldo) value, 500000), 60000000, 7000000), 8000000), 9000000),
                                      into rekening
'BRUM', '4444'
'BRUM', '5555'
'BRUS', '6666'
'BRUS', '7777'
'BRUB', '0000'
                                                         '5555'
'6666'
'7777'
'0000'
'9999'
'1234'
'4321'
'0123'
                                    'BRUS'
'BRUB'
'BRUY'
'BRUK'
'BRUK',
                                                                                 9000000);
0),
                                 BRUY', '1234', 0),
'BRUK', '4321', 50000),
'BRUK', '0123', 360000),
'BRUY', '8888', 25000);
rows affected (0.30 sec)
Duplicates: 0 Warnings:
                                                                            Warnings: 0
 mysql> select * from rekening;
     no_rekening | kode_cabangFK |
                                                                                       pin
                                                                                                      ¦ saldo
                                                                                     2222
3333
4444
5555
6666
                            101
                                            BRUS
                                                                                                              500000
                                            BRUS
BRUS
BRUM
BRUM
                           102
103
104
                                                                                                             350000
750000
900000
                                                                                                           2000000
3000000
                            105
106
                                            BRUS
                           107
108
109
                                                                                       7777
0000
9999
1234
                                                                                                           1000000
5000000
                                            BRUS
                                            BRUS
BRUB
BRUY
BRUK
BRUK
BRUK
BRUY
BRUY
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150000
300000
                            110
                           111
112
113
120
121
                                                                                       4321
0123
8888
1234
4321
                                                                                                             255000
                                                                                                                           Ø
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                                                                                       0123
8888
4444
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123
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                                            BRUK
                                            BRUY
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                                            BRUM
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7000000
                         1015
1016
                         1017
1018
                                            BRUS
BRUB
                                                                                                           8000000
9000000
                                                                                       7777
0000
                         1019
                                                                                        9999
                                            BRUB
                                                                                                                           Ø
       rows in set (0.00 sec)
```

4) Tabel nasabah_has_rekening

```
mysql> insert into nasabah_has_rekening (id_nasabahFK, no_rekeningFK) value
-> (11, 104),
-> (12, 103),
-> (13, 105),
-> (13, 106),
-> (14, 101),
-> (14, 107),
-> (15, 102),
-> (16, 109),
-> (17, 109),
-> (18, 111),
-> (19, 110),
-> (18, 112),
-> (20, 108);
Query OK, 15 rows affected (0.25 sec)
Records: 15 Duplicates: 0 Warnings: 0
 XAMPP for Windows - mysql -u root -p
 mysql> select * from nasabah_nas_rekening;
      id_nasabahFK | no_rekeningFK
                                                                           1035611009
1105611009
110721009
111108
11097
11097
11110
11109
11110
11110
                                  12334455678890011233444556678890
                                                                           \overline{108}
 30 rows in set (0.06 sec)
 mysq1>
```

5) Tabel Transaksi

```
Profession of transaksi (no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, (31, 102, 5, 'debit', '2009-11-16', 20000), (32, 105, 3, 'kredit', '2009-11-18', 50000), (33, 107, 4, 'debit', '2009-11-19', 100000), (34, 103, 2, 'debit', '2009-11-19', 100000), (35, 104, 1, 'debit', '2009-11-19', 50000), (36, 107, 4, 'kredit', '2009-11-20', 200000), (37, 103, 3, 'debit', '2009-11-20', 200000), (38, 104, 1, 'kredit', '2009-11-21', 40000), (39, 101, 4, 'kredit', '2009-11-22', 100000), (40, 113, 2, 'debit', '2009-11-22', 50000), (41, 102, 5, 'debit', '2009-11-26', 100000), (42, 108, 10, 'debit', '2009-11-26', 100000), (43, 106, 3, 'kredit', '2009-11-28', 200000), (44, 103, 2, 'kredit', '2009-11-28', 200000), (45, 105, 3, 'kredit', '2009-11-28', 200000), (47, 104, 1, 'debit', '2009-11-28', 100000), (47, 104, 1, 'debit', '2009-11-21', 50000), (47, 104, 1, 'debit', '2009-11-21', 50000), (47, 104, 1, 'debit', '2009-12-1', 50000), (49, 101, 4, 'debit', '2009-12-2', 40000), (49, 101, 4, 'debit', '2009-12-2', 40000), (49, 101, 4, 'debit', '2009-12-5', 100000), (40, 101, 4, 'debit', '2009-12-5', 100000), 
     XAMPP for Windows - mysql -u root -p
mysql> insert into transaksi (no_transak)
-> (31, 102, 5, 'debit', '2009-11-16
-> (32, 105, 3, 'kredit', '2009-11-17
-> (33, 107, 4, 'debit', '2009-11-19
-> (34, 103, 2, 'debit', '2009-11-19
-> (35, 104, 1, 'debit', '2009-11-19
-> (36, 107, 4, 'kredit', '2009-11-21
-> (37, 103, 3, 'debit', '2009-11-21
-> (38, 104, 1, 'kredit', '2009-11-21
-> (39, 101, 4, 'kredit', '2009-11-2
-> (40, 113, 2, 'debit', '2009-11-22
-> (41, 102, 5, 'debit', '2009-11-22
-> (42, 108, 10, 'debit', '2009-11-2
-> (43, 106, 3, 'kredit', '2009-11-2
-> (44, 103, 2, 'kredit', '2009-11-2
-> (45, 105, 3, 'kredit', '2009-11-2
-> (46, 102, 5, 'debit', '2009-11-2
-> (47, 104, 1, 'debit', '2009-11-2
-> (48, 103, 2, 'kredit', '2009-11-2
-> (49, 101, 4, 'debit', '2009-12-1'
-> (49, 103, 2, 'kredit', '2009-12-2'
-> (49, 101, 4, 'debit', '2009-12-2'
-> (49, 101, 4, 'debit', '2009-12-2'
-> (49, 103, 2, 'kredit', '2009-12-2'
-> (49, 103, 2, 'kredit', '2009-12-2'
-> (49, 103, 2, 'kredit', '2009-12-5'
-> ;

Query OK, 20 rows affected (1.31 sec)

Records: 20 Duplicates: 0 Warnings: 0
         mysql> select * from transaksi;
                         no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                jumlah
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2009-11-21 00:00:00
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2009-11-26 00:00:00
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200000
```

	vs - mysqr -u root -p				
ql> select *	from transaksi	:			
no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	105	3	debit	: 2009-11-10 00:00:00	 50000
2	103	2	debit	2009-11-10 00:00:00	40000
3	101	4	kredit	2009-11-12 00:00:00	20000
4	106	3	debit	2009-11-13 00:00:00	50000
5	107		kredit	: 2009-11-13 OO:OO:OO	30000
6	104	1	kredit	2009-11-15 00:00:00	200000
7	110	9	kredit	2009-11-15 00:00:00	150000
8	102	9 5 3	debit	2009-11-16 00:00:00	20000
9	105	: 3	kredit	: 2009-11-18 00:00:00	50000
10	107	4	debit	1 2009-11-19 00:00:00	100000
11	103	$\bar{2}$	debit	2009-11-19 00:00:00	100000
$\bar{1}\bar{2}$	104	$\bar{1}$	debit	2009-11-19 00:00:00	50000
$\bar{1}\bar{3}$	107		kredit	: 2009-11-20 00:00:00	200000
$\bar{1}\bar{4}$	1 400		debit	2009-11-21 00:00:00	40000
15	103 104	1	kredit	2009-11-22 00:00:00	100000
16	101	! 4	kredit	2009-11-22 00:00:00	20000
17	113	2	debit	2009-11-22 00:00:00	50000
18	102	. Š	debit	1 2009-11-25 00:00:00	50000
19	108	10	debit	2009-11-26 00:00:00	100000
20	106	3	kredit	2009-11-27 00:00:00	50000
21	103	,	kredit	2009-11-28 00:00:00	200000
22	105	2 3 5	kredit	2009-11-28 00:00:00	100000
22	102	Š	debit	2009-11-12 00:00:00	20000
23 24 25	104	1	debit	2009-12-01 00:00:00	50000
25	103	2	debit	2009-12-02 00:00:00	40000
26	101	á	debit	2009-12-04 00:00:00	50000
27	103	4 2 5 7	kredit	1 2009-12-05 00:00:00	100000
28	102	É	kredit	: 2009-12-05 00:00:00	200000
29	109	;	debit	: 2009-12-05 00:00:00	100000
30	110	6	debit	: 2007-12-03 00:00:00 : 2009-12-06 00:00:00	20000
31	102	Ž	debit	; 2007-12-06 00:00:00 ; 2009-11-16 00:00:00	20000
31	105	5 3	kredit	: 2007-11-18 00:00:00	50000
32 33	107	3	debit	; 2007-11-18 00:00:00 ; 2009-11-19 00:00:00	100000
27	103	4 2	debit	: 2009-11-19 00:00:00	100000
34 35	104	1	debit	: 2007-11-17 00:00:00 : 2009-11-19 00:00:00	50000
36				: 2009-11-17 00:00:00 : 2009-11-20 00:00:00	
36	107 103	4 3	kredit debit	; 2009-11-20 00:00:00 ; 2009-11-21 00:00:00	200000 40000
37 38	103		aenit kredit	; 2009-11-21 00:00:00 ; 2009-11-22 00:00:00	100000
38	104	1	kredit kredit		20000
39 40	113	4 2 5 10		2009-11-22 00:00:00 2009-11-22 00:00:00	20000 50000
40		2	debit		
41	102	5	debit	2009-11-25 00:00:00 2009-11-26 00:00:00	50000
42	108	10	debit	2009-11-26 00:00:00	100000
43	106	3	kredit	2009-11-27 00:00:00	50000
44 45	103	2 3	kredit	2009-11-28 00:00:00 2009-11-28 00:00:00	200000
45	105	3	kredit		100000
46	102		debit	1 2009-11-12 00:00:00	20000
47 48	104	1		2009-12-01 00:00:00	50000
48	103	2		1 2009-12-02 00:00:00	40000
49	101		debit	2009-12-04 00:00:00	50000
50	103	2	kredit	2009-12-05 00:00:00	100000
					