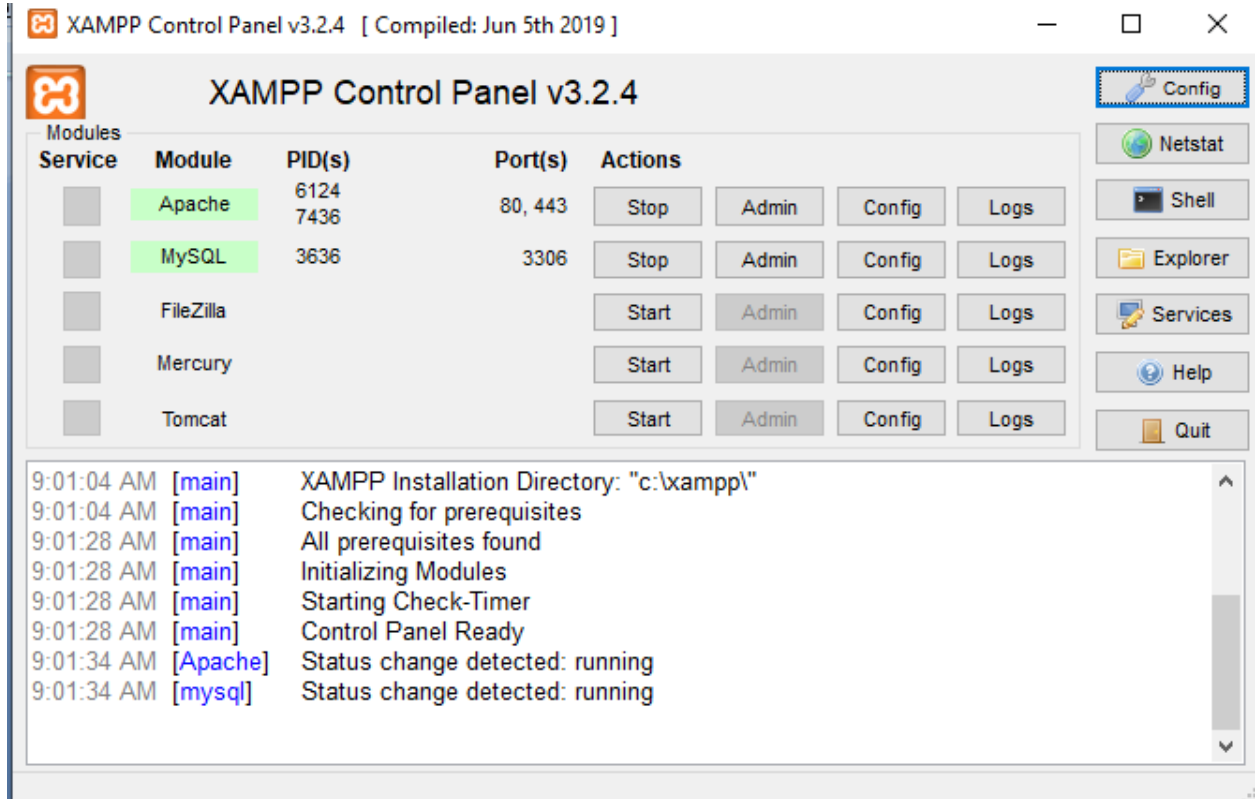


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Praktikum SBD  
Modul 5  
TUGAS

1. Buka XAMPP



2. Setelah itu masuk cmd dan login sebagai root ke mysql

```
C:\Users\tomy>cd/  
C:\>cd C:/xampp/mysql/bin  
C:\xampp\mysql\bin>mysql -u root -p  
Enter password:  
Welcome to the MariaDB monitor. Commands end with ; or \g.  
Your MariaDB connection id is 8  
Server version: 10.4.8-MariaDB mariadb.org binary distribution  
  
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)]> _
```

3. Tampilkan database lalu masuk database perbankan

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| kuliah |
| mysql |
| perbankan |
| performance_schema |
| phpmyadmin |
| test |
+-----+
7 rows in set (0.138 sec)

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> _
```

4. Record table nasabah

```
MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values
-> (11,'Adam','jl. Perintis 24'),
-> (12,'Abdur','jl. Peri 23'),
-> (13,'Andre','jl. Peri 4'),
-> (14,'Soni','jl. Bambu 4'),
-> (15,'Sunaryo','jl. Bambu 7'),
-> (16,'Suroto','jl. Pelita 8'),
-> (17,'Suryo','jl. Pelita 20'),
-> (18,'Hastari','jl. Pisang 1'),
-> (19,'Siti','jl. Pisang 3'),
-> (20,'Aisyah','jl. Pisang 18');
Query OK, 10 rows affected (1.667 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 | jl. MT.Haryono 31 |
| 3 | Suparman | jl. Hasanudin 81 |
| 4 | Kartika Padmastari | jl. Manggis 15 |
| 5 | Budi Eko Prayogo | jl. Kantil 30 |
| 6 | Satria Eka Jaya | jl. Slamet Riyado 45 |
| 8 | Sari Murti | jl. Pangandaran 11 |
| 9 | Canka Lokananta | jl. Tidar 86 |
| 10 | Budi Murtono | jl. Merak 22 |
| 11 | Adam | jl. Perintis 24 |
| 12 | Abdur | jl. Peri 23 |
| 13 | Andre | jl. Peri 4 |
| 14 | Soni | jl. Bambu 4 |
| 15 | Sunaryo | jl. Bambu 7 |
| 16 | Suroto | jl. Pelita 8 |
| 17 | Suryo | jl. Pelita 20 |
| 18 | Hastari | jl. Pisang 1 |
| 19 | Siti | jl. Pisang 3 |
| 20 | Aisyah | jl. Pisang 18 |
+-----+-----+-----+
19 rows in set (0.001 sec)
```

5. Record cabang bank

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values
-> ('BRUE','Bank Rut Unit Eropa','jl. Mawar 18'),
-> ('BRUM','Bank Rut Unit Malang','jl. Premis 20'),
-> ('BRUP','Bank Rut Unit Pekalongan','jl. Teri 10'),
-> ('BRUG','Bank Rut Unit Gowa','jl. Bawal 10'),
-> ('BRUN','Bank Rut Unit Ngawi','jl. Chikago 110'),
-> ('BRUF','Bank Rut Unit Femarang','jl. Chi 10'),
-> ('BRUD','Bank Rut Unit Depok','jl. Hastari 22'),
-> ('BRUJ','Bank Rut Unit Jakarta','jl. Moyet 2'),
-> ('BRUC','Bank Rut Unit Canada','jl. Badak 2'),
-> ('BRUI','Bank Rut Unit Irian','jl. Ukulele 3');
```

Query OK, 10 rows affected (0.338 sec)

Records: 10 Duplicates: 0 Warnings: 0

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

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Boyolali	jl. Ahmad Yani 45
BRUC	Bank Rut Unit Canada	jl. Badak 2
BRUD	Bank Rut Unit Depok	jl. Hastari 22
BRUE	Bank Rut Unit Eropa	jl. Mawar 18
BRUF	Bank Rut Unit Femarang	jl. Chi 10
BRUG	Bank Rut Unit Gowa	jl. Bawal 10
BRUI	Bank Rut Unit Irian	jl. Ukulele 3
BRUJ	Bank Rut Unit Jakarta	jl. Moyet 2
BRUK	Bank Rut Klaten	jl. Suparman 23
BRUM	Bank Rut Unit Malang	jl. Premis 20
BRUN	Bank Rut Unit Ngawi	jl. Chikago 110
BRUP	Bank Rut Unit Pekalongan	jl. Teri 10
BRUS	Bank Rut Unit Surakarta	jl. Slamet Riyadi 18
BRUW	Bank Rut Wonogiri	jl. A. Yani 23
BRUY	Bank Rut Yogyakarta	jl. Anggrek 21

15 rows in set (0.020 sec)

## 6. Record rekening

```
MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values
-> (114,'BRUY',2209,300000),
-> (115,'BRUB',2109,400000),
-> (116,'BRUM',1109,100000),
-> (117,'BRUK',1139,500000),
-> (118,'BRUK',1138,900000),
-> (119,'BRUM',1538,800000),
->
-> (120,'BRUM',9538,700000),
-> (121,'BRUY',9838,700000),
-> (122,'BRUK',1238,600000),
-> (123,'BRUK',1638,600000);
```

Query OK, 10 rows affected (0.380 sec)

Records: 10 Duplicates: 0 Warnings: 0

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

no_rekening	kode_cabangFK	pin	saldo
101	BRUS	111	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	1234	0
110	BRUY	4321	550000
111	BRUK	9999	150000
112	BRUK	0123	300000
113	BRUY	8888	255000
114	BRUY	2209	300000
115	BRUB	2109	400000
116	BRUM	1109	100000
117	BRUK	1139	500000
118	BRUK	1138	900000
119	BRUM	1538	800000
120	BRUM	9538	700000
121	BRUY	9838	700000
122	BRUK	1238	600000
123	BRUK	1638	600000

23 rows in set (0.001 sec)

7. Record table nasabah\_has\_rekening

```
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),
-> (19,122),
-> (20,123);
```

```
Query OK, 10 rows affected (0.138 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	109
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	122
20	123

```
25 rows in set (0.035 sec)
```

```
MariaDB [perbankan]> _
```

## 8. Record transaksi

```
MariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values
-> (31,114,11,'kredit','2020-01-11',50000),
-> (32,114,11,'kredit','2020-01-11',500000),
-> (33,115,12,'debit','2020-01-12',100000),
-> (34,115,12,'debit','2020-01-12',200000),
-> (35,116,13,'kredit','2020-01-13',200000),
-> (36,116,13,'debit','2020-01-13',100000),
-> (37,117,14,'debit','2020-01-14',50000),
-> (38,117,15,'debit','2020-01-15',50000),
-> (39,117,15,'debit','2020-01-15',500000),
-> (40,117,16,'kredit','2020-01-16',200000),
-> (41,118,16,'kredit','2020-01-16',200000),
-> (42,119,17,'debit','2020-01-19',400000),
-> (43,120,18,'debit','2020-01-19',400000),
-> (44,121,19,'debit','2020-01-20',300000),
-> (45,121,19,'debit','2020-01-21',3000000),
-> (46,122,20,'kredit','2020-01-22',30000),
-> (47,122,21,'debit','2020-01-23',350000),
-> (48,123,21,'debit','2020-01-23',350000),
-> (49,123,21,'debit','2020-01-23',450000),
-> (50,123,22,'kredit','2020-01-24',50000);
Query OK, 20 rows affected (0.385 sec)
Records: 20 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	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	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	2009-11-01 00:00:00	50000
25	2	103	debit	2009-11-02 00:00:00	40000
26	4	101	debit	2009-11-04 00:00:00	50000
27	2	103	kredit	2009-11-05 00:00:00	100000
28	5	102	kredit	2009-11-05 00:00:00	200000
29	7	109	debit	2009-11-05 00:00:00	100000
30	9	110	debit	2009-11-06 00:00:00	20000
31	11	114	kredit	2020-01-11 00:00:00	50000
32	11	114	kredit	2020-01-11 00:00:00	500000
33	12	115	debit	2020-01-12 00:00:00	100000
34	12	115	debit	2020-01-12 00:00:00	200000
35	12	115	debit	2020-01-12 00:00:00	200000
36	13	116	kredit	2020-01-13 00:00:00	200000
37	13	116	debit	2020-01-13 00:00:00	100000
38	14	117	debit	2020-01-14 00:00:00	50000
39	15	117	debit	2020-01-15 00:00:00	50000
40	15	117	debit	2020-01-15 00:00:00	500000
41	16	117	kredit	2020-01-16 00:00:00	200000
42	16	118	kredit	2020-01-16 00:00:00	200000
43	17	119	debit	2020-01-19 00:00:00	400000
44	18	120	debit	2020-01-19 00:00:00	400000
45	19	121	debit	2020-01-20 00:00:00	300000
46	19	121	debit	2020-01-21 00:00:00	3000000
47	20	122	kredit	2020-01-22 00:00:00	30000
48	21	122	debit	2020-01-23 00:00:00	350000
49	21	123	debit	2020-01-23 00:00:00	350000
50	21	123	debit	2020-01-23 00:00:00	450000
50	22	123	kredit	2020-01-24 00:00:00	50000

50 rows in set (0.001 sec)

MariaDB [perbankan]> \_