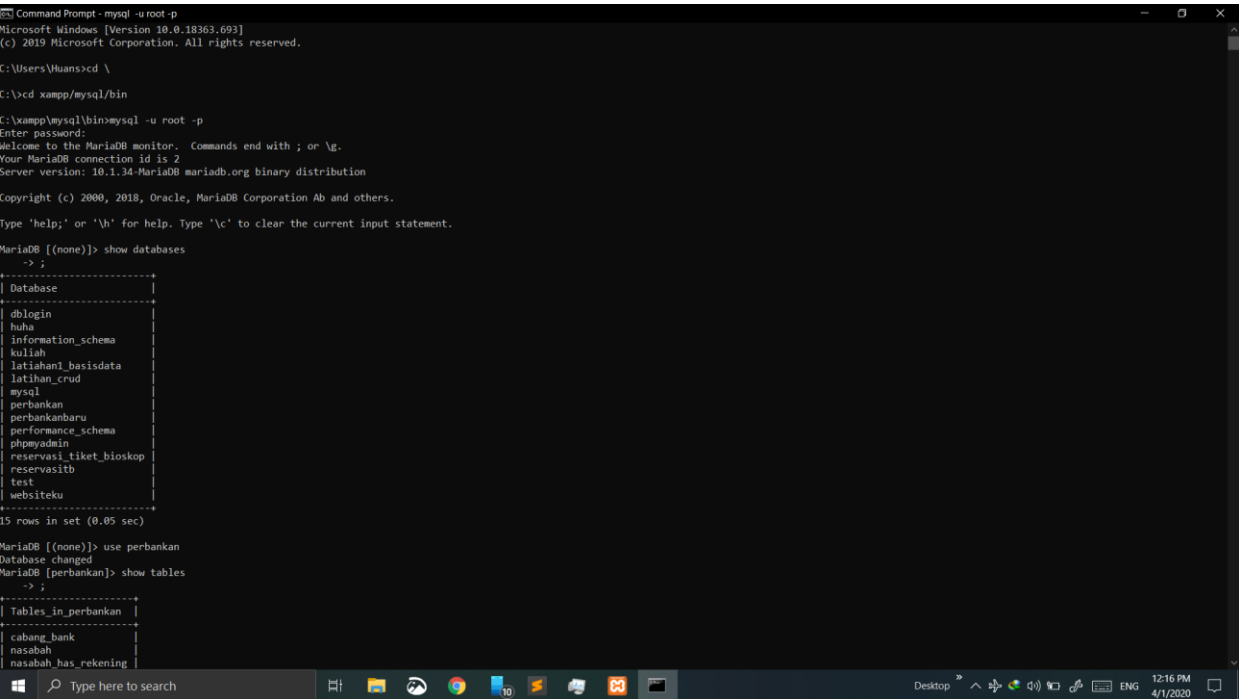
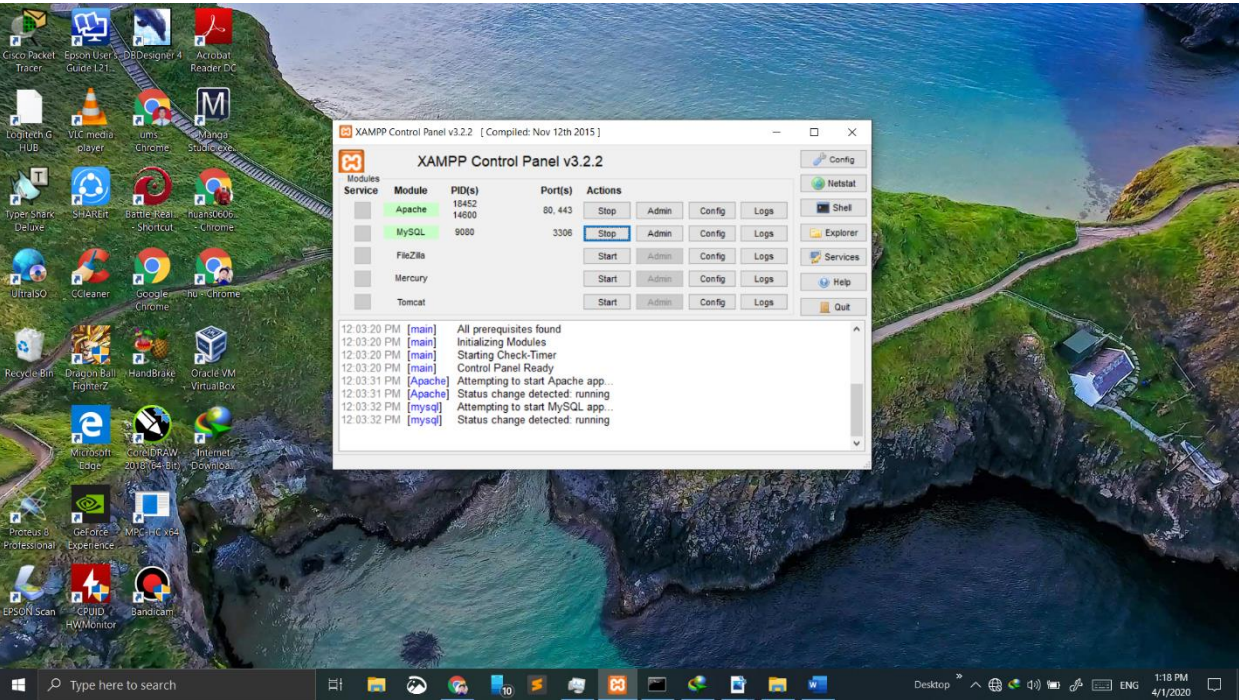


Nama : Huan Wendy Ariono
Nim : L200180086
Kleas : D

“MODUL 6”

Langkah praktikum



```
Command Prompt - mysql -u root -p
| nasabah |
| nasabah_has_rekening |
| rekening |
| transaksi |
|-----|
5 rows in set (0.00 sec)

MariaDB [perbankan]> select nama_cabang, alamat_cabang from cabang_bank order by nama_cabang;
|-----|
| nama_cabang | alamat_cabang |
|-----|
| Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| Bank Rut Unit Klaten | Jl. Suparman 23 |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jalan A. Yani No.23 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
| Cabang huan 1 | bulurejo |
| Cabang huan 10 | bulurejo10 |
| Cabang huan 2 | bulurejo2 |
| Cabang huan 3 | bulurejo3 |
| Cabang huan 4 | bulurejo4 |
| Cabang huan 5 | bulurejo5 |
| Cabang huan 6 | bulurejo6 |
| Cabang huan 7 | bulurejo7 |
| Cabang huan 8 | bulurejo8 |
| Cabang huan 9 | bulurejo9 |
|-----|
15 rows in set (0.02 sec)

MariaDB [perbankan]> select no_rekening, pin, saldo from rekening order by saldo desc;
|-----|
| no_rekening | pin | saldo |
|-----|
| 104 | 4444 | 900000 |
| 103 | 3333 | 750000 |
| 110 | 1234 | 550000 |
| 101 | 1111 | 500000 |
| 108 | 0000 | 500000 |
| 102 | 2222 | 350000 |
| 112 | 0123 | 300000 |
| 106 | 6666 | 300000 |
| 113 | 8888 | 255000 |
| 105 | 5555 | 200000 |
| 111 | 4321 | 150000 |
| 107 | 7777 | 100000 |
| 219 | 1009 | 0 |
| 218 | 1008 | 0 |
| 217 | 1007 | 0 |
| 216 | 1006 | 0 |
| 215 | 1005 | 0 |
|-----|

Command Prompt - mysql -u root -p
|-----|
| 216 | 1006 | 0 |
| 215 | 1005 | 0 |
| 214 | 1004 | 0 |
| 213 | 1003 | 0 |
| 212 | 1001 | 0 |
| 211 | 1000 | 0 |
| 109 | 9999 | 0 |
| 221 | 1010 | 0 |
|-----|
23 rows in set (0.01 sec)

MariaDB [perbankan]> _
```

Tugas

No 1

```
Command Prompt - mysql -u root -p
23 rows in set (0.01 sec)

MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah order by nama_nasabah;
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| ariono       | Mojogedang     |
| Budi Eko Prayogo | Jl. Kantil 30  |
| Budi Murtono  | Jl. Merak 22   |
| Canka Lokananta | Jl. Tidar 86   |
| hesti        | surakarta      |
| huan         | bulurejo       |
| Inez         | karanganyar    |
| johan        | semarang       |
| Kartika Padmasari | Jl. Manggis 15 |
| Maryati      | Jl. Mr. Haryono 31 |
| resa         | surabaya       |
| resa         | surabaya       |
| retno        | solo baru      |
| saina        | solo           |
| sari         | jogja          |
| Sari Murti   | Jl. Pangdaranan 11 |
| Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| Suparman     | Jl. Hasanudin 81 |
| Sutopo       | Jl. Jendral Sudirman 12 |
| wendy        | seurejo        |
+-----+-----+
20 rows in set (0.02 sec)
```

No 2

```
Command Prompt - mysql -u root -p
20 rows in set (0.02 sec)

MariaDB [perbankan]> select jenis_transaksi,jumlah from transaksi where jenis_transaksi="kredit"
-> ;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 20000  |
| kredit          | 30000  |
| kredit          | 200000 |
| kredit          | 150000 |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 20000  |
| kredit          | 50000  |
| kredit          | 200000 |
| kredit          | 100000 |
| kredit          | 100000 |
| kredit          | 200000 |
| kredit          | 50000  |
| kredit          | 250000 |
| kredit          | 130000 |
| kredit          | 357000 |
| kredit          | 50000  |
| kredit          | 50000  |
| kredit          | 50000  |
| kredit          | 50000  |
+-----+-----+
20 rows in set (0.02 sec)
```

No 3

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select jenis_transaksi,jumlah from transaksi where tanggal="2009-21-11" order by jumlah;
+-----+-----+
| jenis_transaksi | jumlah |
+-----+-----+
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
| kredit          | 500000 |
+-----+-----+
21 rows in set, 1 warning (0.01 sec)
```

No 4

```
MariaDB [perbankan]> select nama_nasabah, jenis_transaksi,jumlah from nasabah,transaksi where nasabah.id_nasabah=transaksi.id_nasabahFK and jumlah>20000;
+-----+-----+-----+
| nama_nasabah | jenis_transaksi | jumlah |
+-----+-----+-----+
| Maryati      | kredit          | 500000 |
| Suparman     | kredit          | 500000 |
| Kartika Padmasari | kredit          | 500000 |
| Budi Eko Prayogo | kredit          | 500000 |
| Satria Eka Jaya | kredit          | 500000 |
| Sari Murti   | kredit          | 500000 |
| Canka Lokananta | kredit          | 500000 |
| Budi Murtono  | kredit          | 500000 |
| huan         | kredit          | 500000 |
| wendy        | kredit          | 500000 |
| ariono       | kredit          | 500000 |
| Inez         | kredit          | 500000 |
| saina        | kredit          | 500000 |
| hesti        | kredit          | 500000 |
| retno        | kredit          | 500000 |
| sari         | kredit          | 500000 |
| johan        | kredit          | 500000 |
| resa         | kredit          | 500000 |
+-----+-----+-----+
18 rows in set (0.02 sec)
```

No 5

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select nama_nasabah, alamat_nasabah from nasabah where nama_nasabah like "su%";
+-----+-----+
| nama_nasabah | alamat_nasabah |
+-----+-----+
| Sutopo       | Jl. Jendral Sudirman 12 |
| Superman     | Jl. Hasanudin 81 |
+-----+-----+
2 rows in set (0.00 sec)
```

No 6

```
Command Prompt - mysql -u root -p
Empty set (0.00 sec)

MariaDB [perbankan]> select id_nasabah, no_rekening from nasabah, rekening where id_nasabah='3' and saldo=500000;
+-----+-----+
| id_nasabah | no_rekening |
+-----+-----+
| 3          | 101         |
| 3          | 100         |
+-----+-----+
2 rows in set (0.00 sec)
```

No 7

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select id_nasabah, no_rekening, kode_cabang from nasabah, rekening where id_nasabah='3' and saldo=500000 and kode_cabang='BRUS';
ERROR 1054 (42S22): Unknown column 'kode_cabang' in 'field list'
MariaDB [perbankan]> select id_nasabah, no_rekening, pin from nasabah, rekening where id_nasabah='3' and saldo=500000 and pin=1111;
+-----+-----+-----+
| id_nasabah | no_rekening | pin |
+-----+-----+-----+
| 3          | 101         | 1111 |
+-----+-----+-----+
1 row in set (0.00 sec)
```

No 8

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select*from cabang_bank order by kode_cabang limit 4 offset 2;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUS       | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRIW       | Bank Rut Unit Wonogiri  | Jalan A. Yani No.23 |
| BRIY       | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
| CHI        | Cabang huan 1           | bulurejo |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

No 9

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select*from transaksi where jumlah is null;
Empty set (0.00 sec)
```

No 10

```
Command Prompt - mysql -u root -p
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'o' at line 1
MariaDB [perbankan]> select*from nasabah where alamat_nasabah is not null order by id_nasabah limit 3 offset 3;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 4          | Kartika Padmasari | Jl. Manggis 15 |
| 5          | Budi Eko Prayogo  | Jl. Kantil 30 |
| 6          | Satria Eka Jaya  | Jl. Slamet Riyadi 45 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

No 11

(1) Tampilkan jenis_transaksi , jumlah, tanggal dimana jenis transaksi adalah debit

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select jenis_transaksi,jumlah,tanggal from transaksi where jenis_transaksi="debit";
+-----+-----+-----+
| jenis_transaksi | jumlah | tanggal |
+-----+-----+-----+
| debit           | 50000 | 2009-11-10 00:00:00 |
| debit           | 40000 | 2009-11-10 00:00:00 |
| debit           | 50000 | 2009-11-13 00:00:00 |
| debit           | 20000 | 2009-11-16 00:00:00 |
| debit           | 100000 | 2009-11-19 00:00:00 |
| debit           | 100000 | 2009-11-19 00:00:00 |
| debit           | 50000 | 2009-11-19 00:00:00 |
| debit           | 40000 | 2009-11-21 00:00:00 |
| debit           | 50000 | 2009-11-22 00:00:00 |
| debit           | 50000 | 2009-11-25 00:00:00 |
| debit           | 100000 | 2009-11-26 00:00:00 |
| debit           | 20000 | 2009-11-30 00:00:00 |
| debit           | 50000 | 2009-12-01 00:00:00 |
| debit           | 40000 | 2009-12-02 00:00:00 |
| debit           | 50000 | 2009-12-04 00:00:00 |
| debit           | 100000 | 2009-12-05 00:00:00 |
| debit           | 20000 | 2009-12-06 00:00:00 |
| debit           | 125000 | 2017-05-24 00:00:00 |
| debit           | 547000 | 2017-05-24 00:00:00 |
| debit           | 26000 | 2017-05-24 00:00:00 |
| debit           | 9700000 | 2017-05-26 00:00:00 |
| debit           | 8500000 | 2017-05-26 00:00:00 |
| debit           | 700000 | 2017-05-26 00:00:00 |
| debit           | 700000 | 2017-06-08 00:00:00 |
| debit           | 700000 | 2017-06-08 00:00:00 |
| debit           | 700000 | 2017-06-08 00:00:00 |
| debit           | 263000 | 2017-06-14 00:00:00 |
+-----+-----+-----+
27 rows in set (0.00 sec)
```

(2) Tampilkan jenis transaksi dan no transaksi yang melakukan transaksi tanggal 2009-12-6 berdasarkan no transaksi

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select jenis_transaksi,jumlah,id_nasabah from transaksi where tanggal="2009-12-6" order by id_nasabah;
ERROR 1054 (42S22): Unknown column 'id_nasabah' in 'field list'
MariaDB [perbankan]> select jenis_transaksi,jumlah,no_transaksi from transaksi where tanggal="2009-12-6" order by no_transaksi;
+-----+-----+-----+
| jenis_transaksi | jumlah | no_transaksi |
+-----+-----+-----+
| debit           | 20000 | 61 |
+-----+-----+-----+
1 row in set (0.00 sec)
```

(3) Tampilkan dari tabel rekening dimana saldo lebih dari atau sama dengan Rp 20.000!

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from rekening where saldo >= 20000;
+-----+-----+-----+-----+
| 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 | 200000 |
| 106 | BRUS | 6666 | 300000 |
| 107 | BRUS | 7777 | 100000 |
| 108 | BRUB | 0000 | 500000 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRIK | 4321 | 150000 |
| 112 | BRIK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
+-----+-----+-----+-----+
12 rows in set (0.00 sec)
```

(4) Tampilkan 2 baris nasabah setelah melewati 2 baris pertama diurutkan berdasarkan id nasabah!

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from nasabah order by id_nasabah limit 2 offset 2;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 3 | Suparman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

(5) Tampilkan dari tabel transaksi yang melakukan transaksi pada tanggal 22 November 2009 dan diurutkan berdasarkan nomor rekening!

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from transaksi where tanggal = '2009-11-22' order by no_rekeningFK;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 47 | 4 | 101 | kredit | 2009-11-22 00:00:00 | 20000 |
| 49 | 2 | 103 | debit | 2009-11-22 00:00:00 | 50000 |
| 46 | 1 | 104 | kredit | 2009-11-22 00:00:00 | 100000 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```