

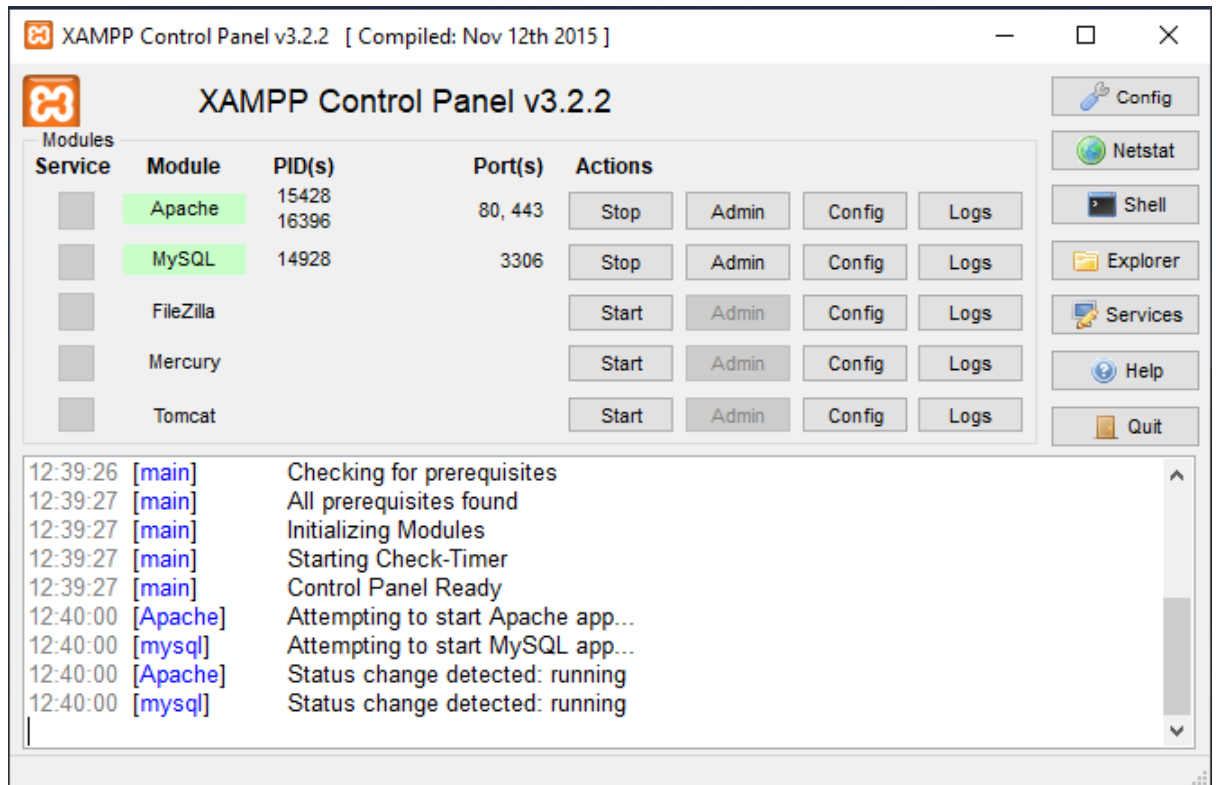
Nama : Rahmat Beny Susanto

NIM : L200180079

Kelas : C

## TUGAS MODUL 5

1. Jalankan XAMPP



2. Jalankan server Apache dan Mysql
3. Buka CMD dan masuk ke database

#### 4. Mengisi data tabel mahasiswa

```
Command Prompt - mysql -u root
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use mahasiswa;
Database changed
MariaDB [mahasiswa]> Insert into mahasiswa(nim_mhs,nip_dosenFK,nama_mhs,alamat_mhs) values
  -> ('L200180079',101,'Rahmat Beny Susanto','karanganyar'),
  -> ('L200180078',102,'Akbar proba baskoro','Madiun'),
  -> ('L200180065',103,'Wahyu setyaji rahma dwijaya','Sragen'),
  -> ('L200180088',104,'Aprinta Sewelastami','Sragen'),
  -> ('L200180066',105,'Anissa nugraheni','Solo'),
  -> ('L200180087',106,'Reylian prealdream anareka','Solo'),
  -> ('L200180084',107,'Sindhiana Aulia frasiaka','Klaten'),
  -> ('L200180074',108,'Abdillah ahmad','solo'),
  -> ('L200180069',109,'Nur taufik hidayat','Pacitan'),
  -> ('L200180058',110,'Arindita prihastama','Ngawi');
Query OK, 10 rows affected, 10 warnings (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 10

MariaDB [mahasiswa]> select * from mahasiswa;
+-----+-----+-----+-----+
| nim_mhs | nip_dosenFK | nama_mhs | alamat_mhs |
+-----+-----+-----+-----+
| L200180058 | 110 | Arindita prihastama | 0 |
| L200180065 | 103 | Wahyu setyaji rahma dwijaya | 0 |
| L200180066 | 105 | Anissa nugraheni | 0 |
| L200180069 | 109 | Nur taufik hidayat | 0 |
| L200180074 | 108 | Abdillah ahmad | 0 |
| L200180078 | 102 | Akbar proba baskoro | 0 |
| L200180079 | 101 | Rahmat Beny Susanto | 0 |
| L200180084 | 107 | Sindhiana Aulia frasiaka | 0 |
| L200180087 | 106 | Reylian prealdream anareka | 0 |
| L200180088 | 104 | Aprinta Sewelastami | 0 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

MariaDB [mahasiswa]>
```

#### 5. Mengisi data tabel dosen

```
Command Prompt - mysql -u root
ERROR 1054 (42S22): Unknown column 'nip_dosen' in 'field list'
MariaDB [mahasiswa]> insert into dosen(nip_dosen,nama_dosen) values
  -> (101,'Husni Thamrin'),
  -> (102,'Azizah fatmawati'),
  -> (103,'Ihsan cahyo utomo'),
  -> (104,'Fatah yasin'),
  -> (105,'Aris Rakhmadi'),
  -> (106,'Devi Afriyanti'),
  -> (107,'Dimas aryo anggoro'),
  -> (108,'Endah sudarmilah'),
  -> (109,'YogieK indra kurniawan'),
  -> (110,'Dyah priyawati');
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [mahasiswa]> select * from dosen;
+-----+-----+
| nip_dosen | nama_dosen |
+-----+-----+
| 101 | Husni Thamrin |
| 102 | Azizah fatmawati |
| 103 | Ihsan cahyo utomo |
| 104 | Fatah yasin |
| 105 | Aris Rakhmadi |
| 106 | Devi Afriyanti |
| 107 | Dimas aryo anggoro |
| 108 | Endah sudarmilah |
| 109 | YogieK indra kurniawan |
| 110 | Dyah priyawati |
+-----+-----+
10 rows in set (0.00 sec)

MariaDB [mahasiswa]>
```

## 6. Mengisi data tabel matakuliah

```

Command Prompt - mysql -u root

MariaDB [tugasm4]> INSERT INTO matakuliah(kode_mk, kode_ruangFK, nip_dosenFK, nama_mk, smt_mk) VALUES
-> ('IF401', 0407, 101, 'Algoritma dan Struktur Data', 4),
-> ('IF402', 0410, 107, 'Sistem Basis Data', 4),
-> ('IF408', 0311, 103, 'Praktikum Jaringan Komputer', 4),
-> ('IF104', 0102, 109, 'Pemrograman Web Statis', 1),
-> ('IF302', 0408, 105, 'Matematika Diskret', 3),
-> ('IF505', 0408, 110, 'Probabilitas dan Statistik', 5),
-> ('IF102', 0102, 108, 'Kalkulus', 1),
-> ('IF203', 0410, 102, 'Sistem Informasi', 2),
-> ('IF307', 0410, 106, 'Komunikasi Data', 3),
-> ('IF201', 0407, 104, 'Sistem Digital', 2);
Query OK, 10 rows affected (0.193 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [tugasm4]> select * from matakuliah;
+-----+-----+-----+-----+-----+
| kode_mk | kode_ruangFK | nip_dosenFK | nama_mk | smt_mk |
+-----+-----+-----+-----+-----+
| IF102 | 102 | 108 | Kalkulus | 1 |
| IF104 | 102 | 109 | Pemrograman Web Statis | 1 |
| IF201 | 407 | 104 | Sistem Digital | 2 |
| IF203 | 410 | 102 | Sistem Informasi | 2 |
| IF302 | 408 | 105 | Matematika Diskret | 3 |
| IF307 | 410 | 106 | Komunikasi Data | 3 |
| IF401 | 407 | 101 | Algoritma dan Struktur Data | 4 |
| IF402 | 410 | 107 | Sistem Basis Data | 4 |
| IF408 | 311 | 103 | Praktikum Jaringan Komputer | 4 |
| IF505 | 408 | 110 | Probabilitas dan Statistik | 5 |
+-----+-----+-----+-----+-----+
10 rows in set (0.000 sec)

```

## 7. Mengisi data table ruang kelas

```

Command Prompt - mysql -u root

MariaDB [tugasm4]> INSERT INTO ruangkelas(kode_ruang, nama_ruang) VALUES
-> (0407, 'J0407'),
-> (0408, 'J0408'),
-> (0410, 'J0410'),
-> (0311, 'LABRPL'),
-> (0312, 'LABJAR'),
-> (0313, 'LABSI'),
-> (0403, 'J0403'),
-> (0305, 'J0305'),
-> (0101, 'JSEM Barat'),
-> (0102, 'JSEM Timur');
Query OK, 10 rows affected (3.426 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [tugasm4]> select * from ruangkelas;
+-----+-----+
| kode_ruang | nama_ruang |
+-----+-----+
| 305 | J0305 |
| 403 | J0403 |
| 407 | J0407 |
| 408 | J0408 |
| 410 | J0410 |
| 101 | JSEM Barat |
| 102 | JSEM Timur |
| 312 | LABJAR |
| 311 | LABRPL |
| 313 | LABSI |
+-----+-----+
10 rows in set (0.001 sec)

```

8. Mengisi data mahasiswa\_has\_matakuliah

```
Command Prompt - mysql -u root

MariaDB [tugasm4]> INSERT INTO mahasiswa_has_matakuliah(nim_mhsFK, kode_mkFK) VALUES
-> ('L200180065', 'IF104'),
-> ('L200180088', 'IF201'),
-> ('L200180079', 'IF302'),
-> ('L200180058', 'IF307'),
-> ('L200180069', 'IF408'),
-> ('L200180074', 'IF402'),
-> ('L200180078', 'IF401'),
-> ('L200180084', 'IF203'),
-> ('L200180066', 'IF102'),
-> ('L200180087', 'IF505'),
-> ('L200180065', 'IF203'),
-> ('L200180058', 'IF408'),
-> ('L200180079', 'IF402'),
-> ('L200180074', 'IF408'),
-> ('L200180087', 'IF102'),
-> ('L200180066', 'IF505'),
-> ('L200180078', 'IF104'),
-> ('L200180084', 'IF302'),
-> ('L200180088', 'IF402'),
-> ('L200180069', 'IF307');

Query OK, 20 rows affected (0.185 sec)
Records: 20 Duplicates: 0 Warnings: 0
```

```
Command Prompt - mysql -u root

MariaDB [tugasm4]> select * from mahasiswa_has_matakuliah;
+-----+-----+
| nim_mhsFK | kode_mkFK |
+-----+-----+
| L200180058 | IF307     |
| L200180058 | IF408     |
| L200180065 | IF104     |
| L200180065 | IF203     |
| L200180066 | IF102     |
| L200180066 | IF505     |
| L200180069 | IF307     |
| L200180069 | IF408     |
| L200180074 | IF402     |
| L200180074 | IF408     |
| L200180078 | IF104     |
| L200180078 | IF401     |
| L200180079 | IF302     |
| L200180079 | IF402     |
| L200180084 | IF203     |
| L200180084 | IF302     |
| L200180087 | IF102     |
| L200180087 | IF505     |
| L200180088 | IF201     |
| L200180088 | IF402     |
+-----+-----+
20 rows in set (0.001 sec)
```