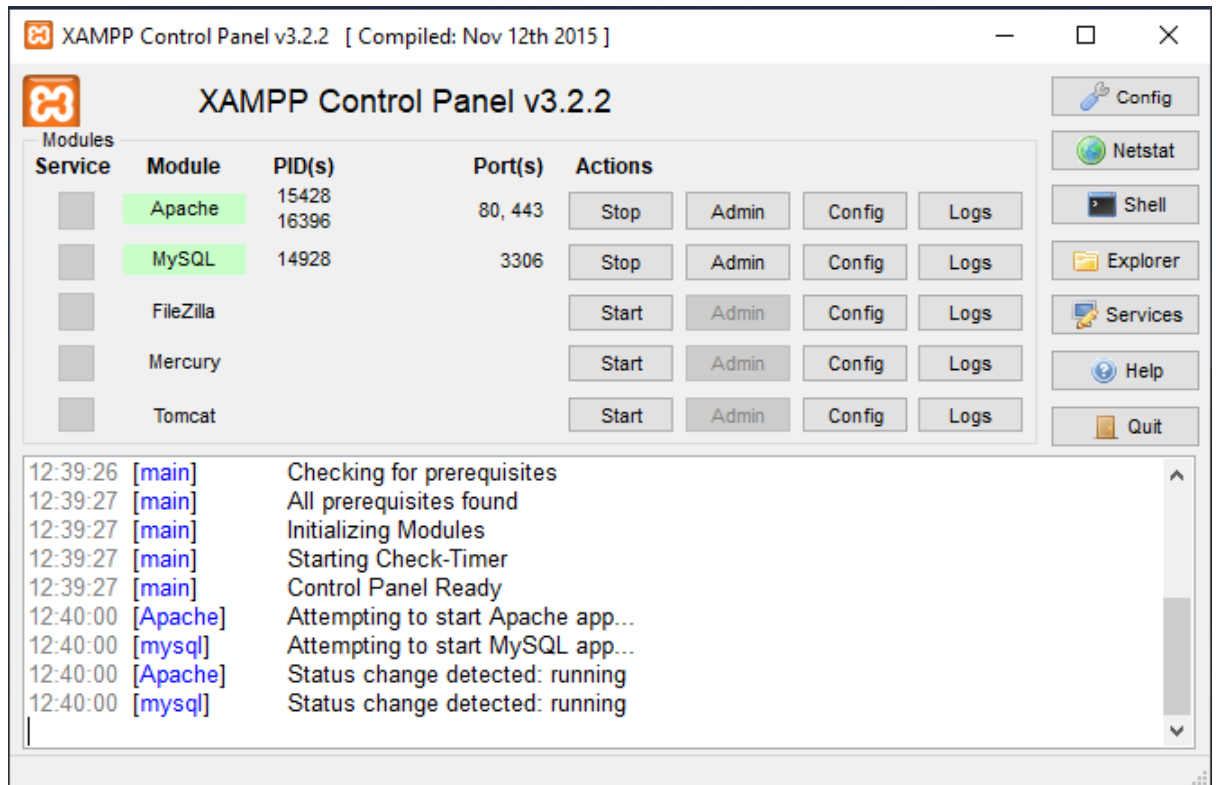Nama   : Rahmat Beny Susanto

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

5. Mengisi data tabel dosen

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


```
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
```



```
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)
```