

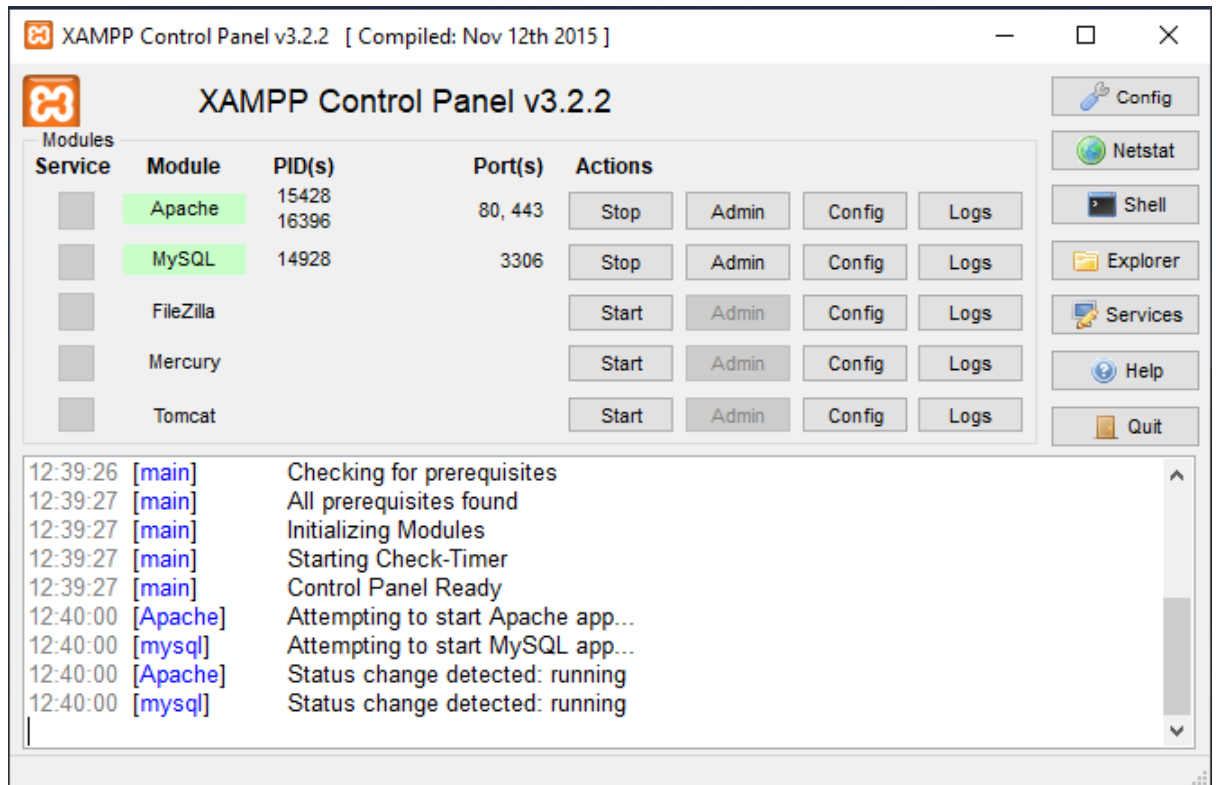
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Kelas : C

## 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,'Yogie 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 | Yogie indra kurniawan |
| 110 | Dyah priyawati |
+-----+-----+
10 rows in set (0.00 sec)

MariaDB [mahasiswa]>

```

## 6. Mengisi data tabel matakuliah

```
Command Prompt - mysql -u root
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use mahasiswa;
Database changed
MariaDB [mahasiswa]> insert into mata_kuliah values
  -> ('IF201',0401,103,'Sistem Digital',2),
  -> ('IF202',0402,106,'Komunikasi data',2),
  -> ('IF203',0403,102,'Sistem Informasi',2),
  -> ('IF204',0404,108,'Kalkulus',1),
  -> ('IF205',0405,110,'probstat',3),
  -> ('IF206',0406,105,'Matematika Diskret',3),
  -> ('IF207',0407,109,'Web statis',1),
  -> ('IF208',0408,109,'Prak Jaringan',3),
  -> ('IF209',0409,107,'Sistem basis data',4),
  -> ('IF220',0420,101,'Algoritma dan struktur data',4);
Query OK, 10 rows affected, 4 warnings (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 4

MariaDB [mahasiswa]> select * from mata_kuliah;
+-----+-----+-----+-----+-----+
| kode_mk | kode_ruangFK | nip_dosenFK | nama_mk | smt_mk |
+-----+-----+-----+-----+-----+
| IF201 | 401 | 103 | Sistem Digital | 2 |
| IF202 | 402 | 106 | Komunikasi data | 2 |
| IF203 | 403 | 102 | Sistem Informasi | 2 |
| IF204 | 404 | 108 | Kalkulus | 1 |
| IF205 | 405 | 110 | probstat | 3 |
| IF206 | 406 | 105 | Matematika Diskret | 3 |
| IF207 | 407 | 109 | Web statis | 1 |
| IF208 | 408 | 109 | Prak Jaringan | 3 |
| IF209 | 409 | 107 | Sistem basis da | 4 |
| IF220 | 420 | 101 | Algoritma dan st | 4 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

## 7. Mengisi data table ruang kelas

```
Command Prompt - mysql -u root

MariaDB [mahasiswa]> insert into ruangkelas values
  -> (1010,'J407'),
  -> (1011,'J408'),
  -> (1012,'J410'),
  -> (1013,'J403'),
  -> (1014,'J408'),
  -> (1015,'LABRPL'),
  -> (1016,'LABJARKOM'),
  -> (1017,'J408'),
  -> (1018,'J403'),
  -> (1019,'JSEM Barat'),
  -> (1020,'JSEM Timur'),
  -> (1021,'JSEM Timur');
Query OK, 12 rows affected (0.00 sec)
Records: 12 Duplicates: 0 Warnings: 0

MariaDB [mahasiswa]> select * from ruangkelas;
+-----+-----+
| kode_ruang | nama_ruang |
+-----+-----+
| 1010 | J407 |
| 1011 | J408 |
| 1012 | J410 |
| 1013 | J403 |
| 1014 | J408 |
| 1015 | LABRPL |
| 1016 | LABJARKOM |
| 1017 | J408 |
| 1018 | J403 |
| 1019 | JSEM Barat |
| 1020 | JSEM Timur |
| 1021 | JSEM Timur |
+-----+-----+
```

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)
```