15-07-2020
Rabu

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Mata Kuliah : Praktikum Sistem Basis Data
Program Studi : Informatika
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1.
```
Cd../..
cd xampp/mysql/bin
C/xampp/mysql/bin> mysql -v root

maria DB [(none)]> create Database Anton 691 ;
```

2.
```
Maria DB [(Anton 691)]> create table Buku (Kd-Buku varchar (5), Judul
                        varchar(40), Jenis_Buku varchar (15), Pengarang
                        varchar (40), Jml_Buku int);

Maria DB [(Anton)]> create table Pinjam (Kd_Pinjam varchar (5), NO_
                    Anggota varchar (5), Kd_Buku varchar (5), TGL_
                    Pinjam date, TGL_kembali date);

Maria DB [(Anton)]> create table Anggota (No_Anggota varchar (5),
                    Identitas varchar (5), Nama_Anggota varchar (30),
                    Alamat varchar (40));

Maria DB [(Anton 691)]> Insert Into Buku values ("BK001", "Laskar pelangi",
                        "Novel", "Andrea Hirata", 12),
                  → ("BK002", "cantik itu Luka", "Novel", "Eka Kurniawan", 6),
                  → ("BK003", "Rentang Kisah", "Novel", "Gita Savitri Devi", 8),
                  → ("BK004", "Aku", "Sastra", "Sjuman Djaya", 18),
                  → ("BK005", "Kereta Tidur", "Sastra", "Avianty Armand", 20),
                  → ("BK006", "Laluba", "Sastra", "Nukila Amal", 15),
                  → ("BK007", "Panggil Aku Kartini saja", "Biografi",
                     "Pramoedya Ananta Toer", 10),
                  → ("BK008", "Chairil", "Biografi", "Hasan Aspahani", 20),
                  → ("BK009", "Ensiklopedia Antariksa", "Ensiklopedia",
                     "James Trefil", 12),
                  → ("BK010", "Ensiklopedia sains", "Ensilopedia",
"Damaring TYas", 6);

Maria DB [(Anton691)] > insert into Pinjam value ("PJ001","AG004","BK001","22-05-2017",
                        "29-05-2017"),
                     → ("PJ001","AG004","BK003","22-05-2017","29-05-2017"),
                     → ("PJ002","AG001","BK004","23-05-2017","30-05-2017"),
                     → ("PJ002","AG001","BK003","23-05-2017","30-05-2017"),
                     → ("PJ003","AG003","BK001","23-05-2017","30-05-2017"),
                     → ("PJ004","AG002","BK002","24-05-2017","01-06-2017"),
                     → ("PJ004","AG002","BK010","24-05-2017","01-06-2017"),
                     → ("PJ005","AG005","BK006","24-05-2017","01-06-2017");

Maria DB [(Anton691)] > insert into Anggota value ("AG001","KTM","Ibnu Saladdin",
                        "JL-Anyelir 22, Jakarta"),
                     → ("AG002","KTP","Kirani Deviana","JL-Melati 18, Depok"),
                     → ("AG003","KTM","Afifa Adena","Jl. Gabus 23, Bogor"),
                     → ("AG004","SIM","Luqyaana","JL. Cangkalang 17, Bogor"),
                     → ("AG005","KTM","Reno Athallah","JL. Ruansa 34, Bekasi");

3. Maria DB [(Anton691)] > Select Judul From buku inner Join Pinjam on Kd_Buku=
                           Kd_Buku where tgl_Pinjam between '23-05-2017' and
                           '24-05-2017';

4. Maria DB [(Anton691)] > Select Nama_Anggota, Alamat From Pinjam left Join Anggota
                           ON No_Anggota = No_Anggota where Tgl_Pinjam = '22-05-2017';

5. Maria DB [(Anton691)] > select Judul, Jenis_Buku from pinjam left Join Buku On
                           Kd_Buku = Kd_Buku left Join Anggota ON No_Anggota =
                           No_Anggota Where Nama_Anggota = `Luqyaana`;

6. Maria DB [(Anton691)] > select Nama_Anggota, Judul, Tgl_Pinjam from pinjam
                           left Join Buku ON Kd_Buku = Kd_Buku left Join
                           Anggota ON No_Anggota = No_Anggota Where Alamat
                           Like `%Bogor%`;

7. Maria DB [(Anton691)] > Select Judul, Kd_Pinjam from Pinjam left Join Buku
                           ON Kd_Buku = Kd_Buku left Join Anggota ON No-
                           Anggota where Nama_Anggota like `%R%`;
```

```
8. Maria DB [(Anton691)] > Select Nama_Anggota, Jenis_Buku, TGL-Pinjam From Pinjam
                           left Join Buku ON Kd_Buku = Kd_Buku left Join Anggota =
                           NO-Anggota where (Identitas = 'KTM' OR Identitas = 'KTP')
                           And TGL-Pinjam Between '23-05-2017' AND '24-05-2017';
```

```
9. Maria DB [(Anton691)] > Select Nama-Anggota, Kode-Pinjam, Jml-Pinjam From
                           Pinjam Where Jml_Pinjam = 2 ;
```

```
10. Maria DB [(Anton691)] >Select Anggota, Buku Inner Join Pinjam on Kd_Buku = Kd.
                           Buku Where tgl.Kembali = '29-05-2017' And '30-05-2017';
```