Praktikum Sistem Basis Data

1. cd ../..
Cd xampp /mysql/ bin
c |xampp/ mysql/bin > mysql - U root

Maria DB [<none>] > Create Database Misbah 761;

2. MariaDB [(Misbah 761)] > Create table Buku (kd_Buku Varchar(5), Judul Varchar(40),
              Jenis_Buku Varchar (15), Pengarang Varchar (40), Jml_Buku int);

Maria DB [(Misbah 761)] > Create table Pinjam (kd_pinjam varchar (5), No_Anggota Varchar(5)
              Nama_Anggota Varchar(30), Alamat varchar(40));

Maria DB [(Misbah 761)] > Create table Anggota (No_Anggota Varchar (5), Identitas Varchar(5)
              Nama_Anggota varchar (30), Alamat Varchar (40);

MariaDB [(Misbah 761)] > 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", "Biografi", "Pramoedya Ananta
                   Toer", 10), -
              → ("BK008", "Chairil", "Biografi", "Hasan Aspahani", 20),
              → ("BK009", "Ensiklopedia Antariksa", "Ensiklopedia", "James Trefis", 12),
              → ("BK0010", "Ensiklopedia Sains", "Ensiklopedia", "Damaring Tyas", 6);

Maria DB [(Misbah 761)] > Insert Into Pinjam values ("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");

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Maria DB [(Misbah 761)] > Insert Into Anggota Values ("AG001", "KTM", "Ibnu Salasddin"
                          , "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 [(Misbah 761)] > 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 [(Misbah 761)] > Select Nama_Anggota, Alamat From Pinjam Left Join Anggota
                          ON No_Anggota = No_Anggota Where Tgl_Pinjam = '22-05-2017';


5. Maria DB [(Misbah 761)] > 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 [(Misbah 761)] > 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 [(Misbah 761)] > 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 [(Misbah 761)] > 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 [(Misbah 761)] > Select Nama_Anggota, Kode_Pinjam, Jml_Pinjam From Pinjam
                          Where Jml_Pinjam = 2;


10. Maria DB [(Misbah 761)] > Select * Anggota, Buku Inner Join Pinjam ON Kd_Buku =
                          Kd_Buku Where Tgl_Kembali = '29-05-2017' AND '30-05-2017';
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