Nama : JULIAN MARCELL SANTANA

NPM : 201843500030

Kelas : S4C

Matkul = Praktikum Sistem Basis data

No HP = 0896-3703-8995

1.) cd ../..

cd xampp/mysql/bin

c:/xampp/mysql/bin > mysql -u root

mariaDB [(none)] > create Database marcell038 ;

2.) mariaDB[(marcell038)] > create table Buku (Kd_Buku varchar (5), Judul varchar (40), Jenis_Buku varchar (15), Pengarang varchar(40), Jml_Buku int);

mariaDB[(marcell)] > create table Pinjam (Kd_pinjam varchar (5), No_Anggota varchar(5), Kd_Buku Varchar (5), Tgl_Pinjam date, Tgl_Kembali date);

mariaDB[(marcell)] > create table Anggota (No_Anggota varchar(5), Identitas varchar(5), Nama_Anggota varchar(30), Alamat varchar(40));

mariaDB[(marcell038)] > 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, 10),

→ ("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 Trefil",12),

→ ("BK010", "Ensiklopedia Sains", "Ensiklopedia", "Damaring Tyas", 6);

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MariaDB [(marcell038)] > insert into pinjam Values ("PJ001"," AG004"," BK002 ","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");

MariaDB [(marcell038)] > insert into Anggota Values (" AG001"," KTM","Ibnu Saladdin","Jl. Angelir 22,
                Jakarta"),
        → ("AG002"," KTP"," Kirani Deviana"," Jl. Melati 18, Depok "),
        → ("AG003"," KTM"," Afifa Adena "," Jl. gabus 23, Bogor "),
        → ("AG004"," SIM"," Luqyaang "," Jl. Cangkalang 17, Bogor"),
        → ("AG005"," KTM"," Reno Athallah "," Jl. Kuansa 34, Bekasi ");

3.) MariaDB [(marcell038)] > Select Judul From buku Inner Join pinjam ON Kd_Buku = Kd_Buku
        Where tgl_Pinjam between '23-05-2017' and '24-05-2017';

4.) MariaDB [(marcell038)] > Select Nama_Anggota, Alamat From Pinjam Left Join Anggota ON
        No_Anggota = No_Anggota Where Tgl_Pinjam = '22-05-2017';

5.) MariaDB [(marcell038)] > 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 = 'Luqyaang';

6.) MariaDB [(marcell)] > 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.) MariaDB [(marcell038)] > 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.) MariaDB [(marcell038)] > 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';
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017",

9.) maria DB[(marcell 078)] > Select Nama_Anggota, kode_pinjam, jml_pinjam From Pinjam
Where jml_pinjam = 2 ;

10.) maria DB[(marcell 038)] > Select * Anggota, buku inner join pinjam ON kd_buku = kd_buku
Where tgl_kembali = '29-05-2017' and '38-05-2017';