

Nama : Fahrul Ramadhan
 NPM : 201843500314
 Kelas : SAC

Matkul : Prakteikum Sistem basis Data
 No. HP : 0895 - 2373 - 9146

1.) Cd ../..

Cd Xampp/mysql/bin

C:/xampp/mysql/bin > MySQL -U root

Maria DB [(none)] > Create Database Fahrul032 ;

2.) Maria DB [(Fahrul032)] > Create table Buku (Kd-Buku Varchar(5), Judul Varchar(40),
 Jenis-Buku Varchar(15), Pengarang Varchar(40), Jml-Buku Int);

Maria DB [(Fahrul)] > Create table Pinjam (Kd-Pinjam Varchar(5), No_anggota Varchar(5),
 Kd-Buku Varchar(5), Tgl-Pinjam date, Tgl - kembali date);

Maria DB [(Fahrul)] > Create table Anggota (No-Anggota Varchar(5), Identitas Varchar(5),
 Nama_Anggota Varchar(30), Alamat Varchar(40));

Maria DB [(Fahrul032)] > Insert Into Buku Values ("BK001", "Laskar Pelagi", "Novel",
 "Andrea Hirata", 12),

→ ("BK002", "Contik Itu Luka", "Novel", "Eka Kurniawan", 6),

→ ("BK003", "Rentang Kisah", "Novel", "Gita Savitri Devi", 8),

→ ("BK004", "Aku", "Sastra", "Sjuman Djaya", 10),

→ ("BK005", "Kereta Tidur", "Sastra", "Avianthy Armand", 20),

→ ("BK006", "Laluba", "Sastra", "Nukila Amal", 15),

→ ("BK007", "Panggil Aku Kartini", "Biografi", "Pramoedya Ananta Toer", 10),

→ ("BK008", "Chairil", "Biografi", "Hasan Asy'ari", 20),

→ ("BK009", "Ensiklopedia Antarksa", "Ensiklopedia", "James Trefil", 12),

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

Maria DB [Fahrul 032] → 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", "AG00", "BK001", "23-05-2017", "30-05-2017"),
→ ("PJ004", "AG00", "BK002", "24-05-2017", "01-06-2017"),
→ ("PJ004", "AG00", "BK010", "24-05-2017", "01-06-2017"),
→ ("PJ005", "AG00", "BK006", "24-05-2017", "01-06-2017"),

Maria DB [Fahrul 032] Insert Into Anggota Values ("AG001", "KTM", "Ibnu saladin", "JL. Angelir 22, Jakarta"),

→ ("AG002", "KTP", "Kirani Deviana", "JL. melati 18, Depok"),
→ ("AG003", "KTM", "Afifa Adena", "JL. gabus 23, Bogor"),
→ ("AG004", "SIM", "Lugyaana", "JL. Cangkang 17, Bogor"),
→ ("AG005", "KTM", "Reno Athallah", "JL. Ruansa 34, Bekasi");

3. SELECT A. Judul

FROM buku A

INNER JOIN

Pinjam B ON A.kd_Buku = B.kd_Buku

WHERE B.tgl_Pinjam between

'2017-05-23' and '2017-05-24';

4. SELECT B. Nama_Anggota, B. Alamat

FROM Pinjam A

LEFT JOIN Anggota B ON A.NO_Anggota

= B.NO_Anggota

WHERE A.Tgl_Pinjam = '2017-05-22';

5. SELECT B. Judul, B. Jenis_Buku

FROM Pinjam A

LEFT JOIN Buku B ON A.kd_Buku =

B.kd_Buku

LEFT JOIN Anggota C ON A.NO_Anggota

= C.NO_Anggota

WHERE C. Nama_Anggota = 'Lugyaana';

6. SELECT C.Nama_Anggota, B.Judul,
 A.Tgl - Pinjam
 FROM Pinjam A
 LEFT JOIN Buku B ON A.kd_Buku =
 B.kd_Buku
 LEFT JOIN Anggota C ON A.NO_Anggota
 = C.NO_Anggota
 WHERE C.Nama_Anggota LIKE ~~██████~~ '% Bogor %';

7. SELECT B.Judul, A.kd - Pinjam
 FROM Pinjam A
 LEFT JOIN Buku B ON A.kd_Buku =
 B.kd_Buku
 LEFT JOIN Anggota C ON A.NO_Anggota
 = C.NO_Anggota
 WHERE C.Nama_Anggota LIKE '% R%';

8. SELECT C.Nama_Anggota, B.Jenis_Buku,
 A.Tgl - Pinjam
 FROM Pinjam A
 LEFT JOIN Buku B ON A.kd_Buku =
 B.kd_Buku
 LEFT JOIN Anggota C ON A.NO_Anggota
 = C.NO_Anggota
 WHERE (C.Identitas = 'KTM' OR
 C.Identitas = 'KTP') AND A.Tgl - Pinjam
 BETWEEN '2017-05-23' AND '2017-05-24';

9. SELECT Nam_Anggota, Kd_Pinjam, Jml_Pinjam
FROM Pinjam
Where Jml_Pinjam = 2;

10. SELECT * Anggota; buku Inner Join Pinjam
ON Kd_Buku = Kd_Buku
Where tgl_Kembali = '24-05-2017' and '30-05-2017';