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Kelas : SAC

Matrikul : Praktikum Sistem Basis Data
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1). Cd. /..

Cd Xampp/mysql/bin

C:/Xampp/MySQL/bin > mysql -u root

MariaDB [(none)] > Create Database Gita324;

2). MariaDB[(Gita324)] > Create table Buku (Kd_Buku Varchar(5), Judul Varchar(40),
Jenis_Buku Varchar(15), Pengarang Varchar(40), Jml_Buku int);

MariaDB[(Gita324)] > Create table Pinjam (Kd_Pinjam Varchar(5), No_Anggota
Varchar(5), Kd_Buku Varchar(5), Tgl_Pinjam date, Tgl_Kembali
date);

MariaDB[(Gita324)] > Create table Anggota (No_Anggota Varchar(5), Identitas Varchar
(5), Nama_Anggota Varchar(30), Alamat Varchar(40));

MariaDB[(Gita324)] > 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", "Avianthy Armand",
20),
→ ("BK006", "Laluba", "Sastra", "Nukila Amar", 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", "Ensiklopedia",
"Damarling Tyas", 6);

MariaDB [(Gita324)] > Insert Into Pinjam Values ("Pj001", "A5004", "Bk001",
 "22-05-2017", "29-05-2017"),
 → ("Pj001", "A5004", "Bk003", "22-05-2017",
 "29-05-2017"),
 → ("Pj002", "A5001", "Bk004", "23-05-2017", "30-05-
 2017"),
 → ("Pj002", "A5001", "Bk003", "23-05-2017", "30-05-
 2017"),
 → ("Pj003", "A5003", "Bk001", "23-05-2017", "30-05-
 2017"),
 → ("Pj004", "A5002", "Bk002", "24-05-2017", "01-06-
 2017"),
 → ("Pj004", "A5002", "Bk010", "24-05-2017", "01-06-
 2017"),
 → ("Pj005", "A5005", "Bk006", "24-05-2017", "01-06-
 2017");

MariaDB [(Gita324)] > Insert Into Anggota Values ("A5001", "KTM", "Ibnu
 Saladdin", "Jl. Anyelir 22, Jakarta"),
 → ("A5002", "KTP", "Kirana Deviana", "Jl. Melati
 18, Depok"),
 → ("A5003", "KTM", "Afifa Adena", "Jl. Gabus 23,
 Bogor"),
 → ("A5004", "SIM", "Luqyaana", "Jl. Cangkayang
 17, Bogor"),
 → ("A5005", "KTM", "Reno Athallah", "Jl. Ruana
 34, Bekasi");

3). MariaDB [(Gita324)] > 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 [(Gita324)] > Select Nama_Anggota, Alamat From Pinjam Left Join Anggota
 ON NO_Anggota = NO_Anggota where Tgl-Pinjam = '22-05-2017';

5). MariaDB [(Gita324)] > 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) MariaDB [(Gita324)] > 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 [(Gita324)] > 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 [(Gita324)] > 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';