Nama: Iyus Yusnadi
Kelas: 54C
NPM: 201043500154
Matkul: Praktikum Sistem Basis data
No.hp: 085156121591

1) Buka Cmd
   > Cd   c:\xampp\mysql\bin
   > mysql -u root

   MariaDB [none] > Create database Iyus154;

   MariaDB [none] > show databases;

   MariaDB [none] > use ~~Iyus154~~ Iyus154;

2) MariaDB [Iyus154] > Create table buku (Kd_Buku Varchar(5), Judul Varchar(50), Jenis_Buku Varchar(20), Pengarang Varchar(50), Jml_Buku Int);

   MariaDB [Iyus54] > Insert Into buku values ("BK001", "Laskar Pelangi", "Novel", "Andrea Hirata", 12),
   → ("BK002", "Cantik Itu Luka", "Novel", ~~Eka kurniawan~~ "Eka kurniawan", 6),
   → ("BK003", "Bentang kisah", "Novel", "Gita Savitri Devi", 6),
   → ("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 Antartika", "ensiklopedia", "James Trefil", 12),
   → ("BK010", "Ensiklopedia Sains", "Ensiklopedia", "Damaring Tyas", 6);

   MariaDB [Iyus154] > Select * from buku;

   MariaDB [Iyus154] > Create table Pinjam (kd_Pinjam varchar(5), No_Anggota Varchar(5), kd_Buku Varchar(5), Tgl_Pinjam date, Tgl_Kembali date);

   MariaDB [Iyus154] > 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");

   MariaDB [Iyus154] > Select * from pinjam;

   MariaDB [Iyus154] > Create table anggota (No_Anggota Varchar(5), Identitas Varchar(5), Nama_Anggota Varchar(40), Alamat Varchar(50));

   MariaDB [Iyus154] > Insert Into anggota values ("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", "lug yaang", "Jl. Cangkalang 12, Bogor"),

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→ ("AG005", "KTM", "Reno Athallah", "JL. Puasa 34, Bekasi");
maria DB [iyur 154] > Select * from Anggota;

3) maria DB [iyur 154] > Select judul from inner join pinjam on kd_Buku = kd_Buku
where Tgl_Pinjam between '23-05-2017' and '24-05-2017';

4) maria DB [iyur 154] > Select Nama_Anggota, Alamat from pinjam left join Anggota on
No_Anggota = No_Anggota where Tgl_Pinjam = '22-05-2017';

5) maria DB [iyur 154] > 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 = 'lughyaana';

6) maria DB [iyur 154] > 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 [iyur 154] > 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 [iyur 154] > 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 [iyur 154] > Select Nama_Anggota, kd_Pinjam, Jml_Pinjam from pinjam
Where Jml_Pinjam = 2;

10) maria DB [iyur 154] > Select * Anggota, buku, inner join pinjam on kd_Buku = kd_Buku
Where Tgl_kembali = 29-05-2019' and '30-05-2017';