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Matrikul : Pendidikan Sistem Berbasis Data

1.) cd ... /...

cd Xampp / MySQL / bin

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

Maria DB [(monev)] create data base Andri

2.) Maria DB [(Andri)] > create table. buku (kd. buku Varchar (15), Penerangan
Varchar (40), Jenis - buku Varchar (15), Penerangan
Varchar (40), Jml - buku Int);

Maria DB [(Andri)] > create table. Pinjam (kd - Pinjam Varchar (5),
NO - Anggota Varchar (5), kd - Buku Varchar (5),
tgl - Pinjam, Tgl kembali date;

Maria DB [(Andri)] > create table Anggota (NO - Anggota Varchar (5),
NO - Identitas Varchar (5), Nama - Anggota Varchar
(30), Alamat Varchar (40));

Maria DB [(Andri)] > Insert into Buku Varchar ("BK001", "Laskar Pelangi", "Novel",
"Andrea Hirata", 12)

→ ("BK002", "Cantik Itu Luka", "Novel", "Eka Kurniawati", 6),

→ ("BK003", "Nenteng Kish", "Novel", "Gita Savitri Devi", 8),

→ ("BK004", "Aku", "Sastra", "Suman Daga", 8),

→ ("BK005", "Kantika tidur", "Sastra", "Arianty Armand", 20),

→ ("BK006", "Lacuna", "Sastra", "Muliya Amal", 15),

→ ("BK007", "Panggil Aku Kartini", "Biografi", "Pranedyo aranta
toer", 10),

→ ("BK008", "Chairil", "Biografi", "Hasan Asfahdri", 20),

→ ("BK009", "Ensiklopedia Antarktika", "Ensiklopedia", "James Trepile", 12),

→ ("BK010", "Ensiklopedia Soins", "Ensiklopedia", "Damerin Tyas", 6);

Maria DB [(Andri 311)] > insert into Pinjam values ("P001", "AG004", "Bk001",
 "22-05-2017", "27-05-2017")
 → ("P001", "AG004", "Bk003", "22-05-2017", "27-05-2017")
 → ("P002", "AG001", "Bk004", "23-05-2017", "30-05-2017")
 → ("P002", "AG001", "Bk003", "23-05-2017", "30-05-2017")
 → ("P003", "AG003", "Bk001", "23-05-2017", "30-05-2017")
 → ("P004", "AG002", "Bk002", "24-05-2017", "01-06-2017")
 → ("P004", "AG002", "Bk010", "24-05-2017", "01-06-2017")
 → ("P005", "AG005", "Bk006", "24-05-2017", "01-06-2017")

Maria DB [(Andri 311)] > insert into Anggota values ("AG007", "KTM", "Jl. Angkasa 22, Jakarta",
 "Jl. Angkasa 22, Jakarta")
 → ("AG002", "KTP", "Eirani Dwiarni", "Jl. Meleki 18, Depok")
 → ("AG003", "KTM", "Afifa Adena", "Jl. Gelas 23, Bogor")
 → ("AG004", "SIM", "Lusyanaq", "Jl. Cengkayang 12, Bogor")
 → ("AG005", "KTM", "Kenan Alhamdulillah", "Jl. Rancina 34, Bekasi")

3) Maria DB [(Andri 311)] > select Judul, buku inner join Pinjam ON kd-Buku = kd-Buku
 where tgl-Pinjam between '23-05-2017' and '24-05-2017';

4) Maria DB [(Andri 311)] > select Nama-Anggota, Alamat from Pinjam left join buku ON
 NO-Anggota = NO-Anggota where tgl-Pinjam = '22-05-2017';

5) Maria DB [(Andri 311)] > select Judul, Jenis-Buku 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 [(Andri 311)] > select Judul, kd-Pinjam from Pinjam left join Buku ON
 kd-Buku = kd-Buku left join Anggota ON NO-Anggota
 where Nama-Anggota like '%B%';

8) Maria DB [(Andri 311)] > 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';

5. Maria DB [(Andri 311)] > Select Nama - Anggota, kode - Pinjam, Jml - pinjam from Pinjam where Jml - Pinjam = 2;

6. Maria DB [(Andri 311)] > Select * Anggota, buku inner join Pinjam on kd = Buku =
kd - buku where tgl - kembali = '29-05-2017' and '30-05-2017';

6. Maria DB [(Andri 311)] > Select Nama - Anggota, Jml, tgl - Pinjam from Pinjam left
Join Buku ON kd - Buku = kd - Buku Left, Join Anggota
ON No - Anggota = No - Anggota where alamat like
'%Bayer %';