

Nama : Aditya Dewanto Utama Eka Noviandar

NPM. : 201843500502

Kelas. : S4C

UAS Praktikum Basis Data

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Nama: Aditya Dewanto Utama Eka Novriandor

NPM: 201843500502

Kelas: S41C

Praktikum Sistem Basis Data

- ① `cd ... / ...`
`cdxampp / My SQL / bin`
`C: /xampp / My SQL / bin > My SQL - U root`
`Maria DB [C none] > create data base Aditya`
- ② `Maria DB [C Aditya] > Create table buku (Kd. buku Varchar (15)`
`, Pengarang`
`Varchar (40), Jenis - buku Varchar (15)`
`Varchar (40), Ml - buku Int) ;`
`Maria DB [C Aditya] > Create table Pinjam (Kd. Pinjam Varchar (5)`
`(5), No - Anggota (5), Kd. Buku Varchar (5)`
`(5), Tgl - Pinjam date, Tgl - Kembali date) ;`
`Maria DB [C Aditya] > Create table Anggota (No - Anggota`
`Varchar (5), Identitas Varchar (5),`
`Nama - Anggota Varchar (30), Alamat`
`Varchar (40)) ;`
`Maria DB [C Aditya] > Insert into Buku Values ("Bk001",`
`Inkar Pelangi", "Novel", "Andrea Hirata", 12),`
`"Bk002", "Antik Ituluka", "Novel",`
`Eka Kurniawan", 6),`
`"Bk003", "Ranting Kamb", "Novel",`
`Istia Savitri Dewi", 8),`
`"Bk004", "Aku", "Sastra",`
`"Sastra", Djunaedi", 12),`
`"Bk005", "Kereta Tidur", "Sastra",`
`Avianita Armand", 20),`
`"Bk006", "Lacuba", "Sastra",`
`Nukila Amal", 15),`
`"Bk007", "Penggi Aku Kartini",`
`Biografi", "Pramudya Ananta Tjok",`
`"10),`
`"Bk008", "Chairil", "Biografi",`
`"Hasan Asyhabani", 20),`
`"Bk009", "Ensiklopedia Antarnika",`
`Ensiklopedia", "James Treff", 12),`
`"Bk010", "Ensiklopedia Sains",`
`Ensiklopedia", "Demarings Tys", 6),`

Maria DB [C Aditama] > Insert Into Pinjam Values ("Pj001", "AG004", "BK001", "22-05-2017", "29-05-2017");
 -D ("Pj001", "AG004", "BK003", "22-05-2017", "29-05-2017");
 -D ("Pj002", "AG001", "BK004", "23-05-2017", "30-05-2017");
 -D ("Pj002", "AG001", "BK003", "23-05-2017", "30-05-2017");
 -D ("Pj003", "AG003", "BK001", "23-05-2017", "30-05-2017");
 -D ("Pj004", "AG002", "BK002", "24-05-2017", "01-06-2017");
 -D ("Pj004", "AG002", "BK010", "24-05-2017", "01-06-2017");
 -D ("Pj005", "AG005", "BK005", "24-05-2017", "01-06-2017");

Maria DB [C Aditama] > Insert into Anggota Values ("AG001", "KTM", "Ibnu Salsaddin", "Jl. Angkor 22, Jakarta");
 -D ("AG002", "KTP", "Kirani Devrana", "Jl. Melati 18, Depok");
 -D ("AG003", "KTM", "Afika Adena", "Jl. Babus 23, Bogor");
 -D ("AG004", "SIM", "Lugyana", "Jl. Cakalang 12, Bogor");
 -D ("AG005", "KTM", "Rana Athallah", "Jl. Ruangs 741, Bekasi");

3. Maria DB [C Aditama] > Select Judul From buku Inner Join Pinjam ON Kd_Buku = Kd_Pinjam where Kd_Pinjam between '23-03-2017' and '24-05-2017';

4. Maria DB [C Aditama] > Select Nama - Anggota, Alamat from Pinjam Left Join Anggota ON No_Anggota = No_Pinjam when TEL_Pinjam = '22-05-2017';

(5) Maria DB [C Aditya] > 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 = 'Lu Ayana';

(6) Maria DB [C Aditya] > 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 [C Aditya] > Select Judul, Kd - Pinjam From Pinjam
Left Join Anggota ON No - Anggota
Where Nama - Anggota Like '% R %';

(8) Maria DB [C Aditya] > 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 [C Aditya] > Select Nama - Anggota, Kode - Pinjam
, Jml - Pinjam from pinjam where
Jml - Pinjam = 2;

(10) Maria DB [C Aditya] > Select * Anggota, buku Inner join pinjam ON
kd - Buku = Kd - Buku where tgl - Kembali
= '29-05-2017' And '30-05-2017';

