Nama : Ahmad Rifa'i
NPM : 201843500667
Kelas : S4C

No Hp : 0813-8064-9286
Date :

Praktikum Sistem basis data

1. C:\users\Ahmad Rifai>cd/
   C:\\> cd xampp
   C:\xampp>cd mysql
   C:\xampp\mysql>cd bin
   C:\xampp\mysql\bin> mysql -u root

maria DB [(none)]>Create database Ahmad_Rifai667;
Query ok, 1 row affected (0.003 Sec)
Database Changed

2. maria DB [Ahmad_Rifai667]>Create table buku (
   →kd_buku Varchar (10) Primary key,
   →Judul Varchar (200),
   → Jenis_buku Varchar (200),
   →Pengarang Varchar (200),
   →Jml_buku integer (10));
maria DB [Ahmad_Rifai667]> create table anggota (
   → No_anggota Varchar (10) Primary key,
   → Identitas Varchar (10),
   → nama_anggota Varchar (200),
   → Alamat Varchar (200));
maria DB [Ahmad_Rifai667]> Create table Pinjam (
   → kd_Pinjam Varchar (10),
   → No_anggota Varchar (10),
   → kd_buku Varchar (10),
   → tgl_Pinjam date,
   → tgl_kembali date),
   → Foreign key (No_anggota) references anggota (No_anggota),
   → Foreign key (kd_buku) references buku (kd_buku),
   → on delete Cascade,
   → on update Cascade);

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MariaDB [AhmadRifai667]> Insert into buku Values
    ->("Bk001","Laskar Pelangi","Novel","Andrea hirata",12),
    ->("Bk002","Cantik Itu luka","Novel","Eka kurniawan",6),
    ->("Bk003","Rentan kisah","Novel","Gita Savitri devi",18),
    ->("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 Antariksa","Ensiklopedia","James Trefil",12),
    ->("Bk010","Ensiklopedia Sains","Ensiklopedia","Damaring Tyas",6),
```

```
MariaDB [AhmadRifai667]> Insert into 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","Bk03","24-05-2017","01-06-2017"),
    ->("PJ005","AG005","Bk006","24-05-2017","01-06-2017"),
```

```
MariaDB [AhmaRifi667]> Insert into 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","Luqyaana","Jl.Cangkalang 17, Bogor"),
    ->("AG005","KTM","Reno Athallah","Jl.Ruansa 34, Bekasi"),
```

3. Select Judul From buku inner Join Pinjam ON buku.kd_buku = Pinjam.kd_buku
   WHERE tgl_Pinjam Between '23-05-2017' AND '24-05-2017';

4. Select nama_anggota, alamat From anggota inner join Pinjam
   ON anggota.no_anggota = Pinjam.no_anggota where tgl_pinjam='22-05-2017';

5. 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. 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. 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. 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. Select nama_anggota, kode_Pinjam, Jml_Pinjam From Pinjam WHERE Jml_Pinjam = 2;

10. Select * anggota, buku inner join Pinjam ON kd_buku = kd_buku WHERE tgl_kembali = '29-05-2017' and '30-05-2017';