

**UJIAN TENGAH SEMESTER GANJIL  
2018/2019**

Mata Kuliah : Basis Data 2  
Hari/Tanggal : Selasa, 30 Oktober 2018  
Waktu : 120 Menit  
Sifat : Open PPT  
Soal :

1. Buatlah basis data (database) di bidang Kesehatan Minimal 3 tabel master dan 1 tabel transaksi

Command Prompt - mysql -u root

E:\>cd xampp\mysql\bin

E:\xampp\mysql\bin>mysql -u root

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 65

Server version: 10.1.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;

Database
apotek
apotik
information_schema
koperasi
mysql
pelanggan
performance_schema
phpmyadmin
test
tokokomputer

10 rows in set (0.00 sec)

MariaDB [(none)]> use apotek;

Database changed

MariaDB [apotek]> create table pelanggan (

-> id\_pelanggan int(5) primary key,

-> nama\_pelanggan varchar(20),

-> jenis\_kelamin varchar(9),

-> alamat varchar(20)

-> );

Query OK, 0 rows affected (0.41 sec)

MariaDB [apotek]> describe pelanggan;

Field	Type	Null	Key	Default	Extra
id_pelanggan	int(5)	NO	PRI	NULL	
nama_pelanggan	varchar(20)	YES		NULL	
jenis_kelamin	varchar(9)	YES		NULL	
alamat	varchar(20)	YES		NULL	

4 rows in set (0.03 sec)

```
Command Prompt - mysql -u root

MariaDB [apotek]> create table pegawai (
-> id_pegawai int(5) primary key,
-> nama_pegawai varchar(20),
-> jenis_kelamin varchar(9),
-> alamat varchar(20),
-> tgl_lahir varchar(10),
-> no_tlp varchar(12)
-> );
Query OK, 0 rows affected (0.13 sec)

MariaDB [apotek]> describe pegawai;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pegawai | int(5)    | NO   | PRI | NULL    |       |
| nama_pegawai | varchar(20) | YES  |     | NULL    |       |
| jenis_kelamin | varchar(9) | YES  |     | NULL    |       |
| alamat      | varchar(20) | YES  |     | NULL    |       |
| tgl_lahir   | varchar(10) | YES  |     | NULL    |       |
| no_tlp      | varchar(12) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.18 sec)
```

```
Command Prompt - mysql -u root

MariaDB [apotek]> create table jenis_obat (
-> id_jenis_obat int(5) primary key,
-> jenis_obat varchar(20)
-> );
Query OK, 0 rows affected (0.12 sec)

MariaDB [apotek]> describe jenis_obat;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_jenis_obat | int(5)    | NO   | PRI | NULL    |       |
| jenis_obat    | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.11 sec)

MariaDB [apotek]>
```

```
Command Prompt - mysql -u root

MariaDB [apotek]> create table transaksi (
-> id_penjualan int(5) primary key,
-> id_pelanggan int(5),
-> id_pegawai int(5),
-> id_obat int(5),
-> id_jenis_obat int(5),
-> jumlah_obat int(3),
-> total int,
-> foreign key (id_pelanggan) references pelanggan (id_pelanggan),
-> foreign key (id_pegawai) references pegawai (id_pegawai),
-> foreign key (id_obat) references obat (id_obat),
-> foreign key (id_jenis_obat) references jenis_obat (id_jenis_obat)
-> );
Query OK, 0 rows affected (0.41 sec)

MariaDB [apotek]> describe transaksi;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_penjualan | int(5)    | NO   | PRI | NULL    |       |
| id_pelanggan | int(5)    | YES  | MUL | NULL    |       |
| id_pegawai   | int(5)    | YES  | MUL | NULL    |       |
| id_obat      | int(5)    | YES  | MUL | NULL    |       |
| id_jenis_obat | int(5)    | YES  | MUL | NULL    |       |
| jumlah_obat  | int(3)    | YES  |     | NULL    |       |
| total        | int(11)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.03 sec)

MariaDB [apotek]>
```

```
Command Prompt - mysql -u root

MariaDB [apotek]> create table obat (
-> id_obat int(5) primary key,
-> nama_obat varchar(20),
-> harga_obat int(7),
-> stock int(3),
-> id_jenis_obat int(5),
-> foreign key (id_jenis_obat) references jenis_obat (id_jenis_obat)
-> );
Query OK, 0 rows affected (0.13 sec)

MariaDB [apotek]> describe obat;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_obat | int(5) | NO | PRI | NULL | |
| nama_obat | varchar(20) | YES | | NULL | |
| harga_obat | int(7) | YES | | NULL | |
| stock | int(3) | YES | | NULL | |
| id_jenis_obat | int(5) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)

MariaDB [apotek]> _

Command Prompt - mysql -u root

MariaDB [apotek]> create table transaksi (
-> id_penjualan int(5) primary key,
-> id_pelanggan int(5),
-> id_pegawai int(5),
-> id_obat int(5),
-> id_jenis_obat int(5),
-> jumlah_obat int(3),
-> total int,
-> foreign key (id_pelanggan) references pelanggan (id_pelanggan),
-> foreign key (id_pegawai) references pegawai (id_pegawai),
-> foreign key (id_obat) references obat (id_obat),
-> foreign key (id_jenis_obat) references jenis_obat (id_jenis_obat)
-> );
Query OK, 0 rows affected (0.41 sec)

MariaDB [apotek]> describe transaksi;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_penjualan | int(5) | NO | PRI | NULL | |
| id_pelanggan | int(5) | YES | MUL | NULL | |
| id_pegawai | int(5) | YES | MUL | NULL | |
| id_obat | int(5) | YES | MUL | NULL | |
| id_jenis_obat | int(5) | YES | MUL | NULL | |
| jumlah_obat | int(3) | YES | | NULL | |
| total | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.03 sec)

MariaDB [apotek]>
```

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Informatika

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