

Hesti Putri Utami

L200170009

Kelas A

## Tugas

Implementasikan hasil rancangan database pada tugas modul 2 ke dalam program mysql

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Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17134.648]
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C:\Users\VASUS>cd/

C:\>cd xampp/mysql/bin

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 7
Server version: 10.1.38-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)]> create database perusahaann;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use perusahaann;
Database changed
MariaDB [perusahaann]> create table karyawan1 (
  -> id_kry integer primary key,
  -> nama_kry varchar(45) not null,
  -> jabatan_kry varchar(45) not null
  -> );
Query OK, 0 rows affected (0.22 sec)

MariaDB [perusahaann]>
MariaDB [perusahaann]> create table ruang_kerja1 (
  -> kode_ruang integer primary key,
  -> lokasi_ruang varchar(45) not null
  -> );
Query OK, 0 rows affected (0.21 sec)

MariaDB [perusahaann]>
MariaDB [perusahaann]> create table cuti1 (
  -> no_register integer primary key,
  -> jenis_cuti varchar(45) not null,
  -> tanggal DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
  -> id_kryFK INTEGER REFERENCES karyawan(id_kry) ON DELETE SET NULL ON UPDATE CASCADE
  -> );
Query OK, 0 rows affected (0.19 sec)
```

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Command Prompt - mysql -u root -p
Query OK, 0 rows affected (0.19 sec)

MariaDB [perusahaann]>
MariaDB [perusahaann]> create table fasilitas1 (
  -> no_register integer primary key,
  -> jenis_fasilitas varchar(45) not null,
  -> id_kryFK INTEGER REFERENCES karyawan(id_kry) ON DELETE SET NULL ON UPDATE CASCADE
  -> );
Query OK, 0 rows affected (0.25 sec)

MariaDB [perusahaann]>
MariaDB [perusahaann]> create table karyawan_has_ruang_kerja (
  -> id_kryFK INTEGER REFERENCES karyawan(id_kry) ON DELETE CASCADE ON UPDATE CASCADE,
  -> kode_ruangFK INTEGER REFERENCES ruang_kerja(kode_ruang) ON DELETE CASCADE ON UPDATE CASCADE,
  -> PRIMARY KEY(id_kryFK, kode_ruangFK)
  -> );
Query OK, 0 rows affected (0.20 sec)

MariaDB [perusahaann]> describe karyawan1;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_kry | int(11) | NO | PRI | NULL | |
| nama_kry | varchar(45) | NO | | NULL | |
| jabatan_kry | varchar(45) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.15 sec)

MariaDB [perusahaann]> describe ruang_kerja1;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_ruang | int(11) | NO | PRI | NULL | |
| lokasi_ruang | varchar(45) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

MariaDB [perusahaann]> describe cuti1;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_register | int(11) | NO | PRI | NULL | |
| jenis_cuti | varchar(45) | NO | | NULL | |
| tanggal | datetime | NO | | CURRENT_TIMESTAMP | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

```
Command Prompt - mysql -u root -p

+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_ruang | int(11) | NO | PRI | NULL | |
| lokasi_ruang | varchar(45) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

MariaDB [perusahaann]> describe cuti1;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_register | int(11) | NO | PRI | NULL | |
| jenis_cuti | varchar(45) | NO | | NULL | |
| tanggal | datetime | NO | | CURRENT_TIMESTAMP | |
| id_kryFK | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

MariaDB [perusahaann]> describe fasilitas1;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_register | int(11) | NO | PRI | NULL | |
| jenis_fasilitas | varchar(45) | NO | | NULL | |
| id_kryFK | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

MariaDB [perusahaann]> describe karyawan_has_ruang_kerja;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_kryFK | int(11) | NO | PRI | NULL | |
| kode_ruangFK | int(11) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.04 sec)

MariaDB [perusahaann]>
```