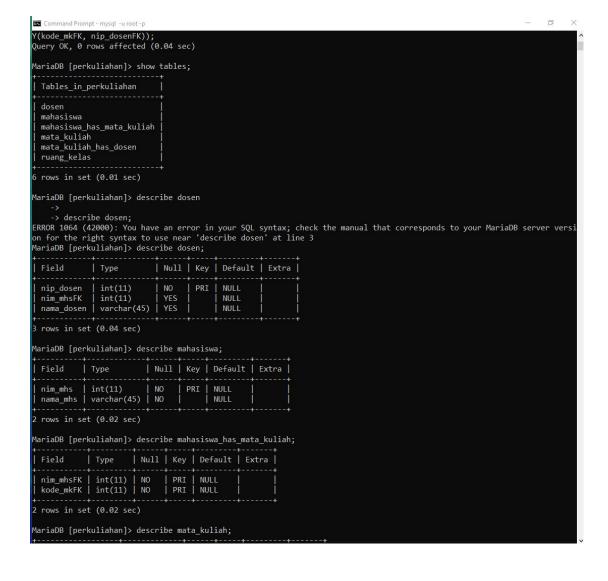
Nama: Arya Mukti A'raafi Zha Putra

NIM: L200180151

Kelas: C

```
Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.
  :\Users\ACER>cd..
  :\Users>cd..
  :\>cd xampp\mysql\bin
  :\xampp\mysql\bin>mysql -u root -p
 Enter password:
 welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 2
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 perkuliahan;
Query OK, 1 row affected (0.02 sec)
MariaDB [(none)]> use perkuliahan;
Database changed
MariaDB [perkuliahan]> create table mahasiswa(nim_mhs INTEGER PRIMARY KEY, nama_mhs VARCHAR(45) NOT NULL);
Query OK, 0 rows affected (0.05 sec)
MariaDB [perkuliahan]> create table dosen(nip_dosen INTEGER PRIMARY KEY, nim_mhsFK INTEGER REFERENCES mahasiswa(nim_mhs
ON DELETE CASCADE ON UPDATE CASCADE, nama_dosen VARCHAR(45));
Query OK, 0 rows affected (0.04 sec)
MariaDB [perkuliahan]> create table mata_kuliah(kode_mk INTEGER PRIMARY KEY, kode_ruang_kelas INTEGER, nama_mk VARCHAR(4
5), jml_sks INTEGER);
Query OK, 0 rows affected (0.03 sec)
MariaDB [perkuliahan]> create table ruang_kelas(kode_ruang INTEGER PRIMARY KEY, kode_mkFK INTEGER REFERENCES mata_kuliah
(kode_mk) ON DELETE CASCADE ON UPDATE CASCADE, daya_tampung INTEGER);
Query OK, 0 rows affected (0.04 sec)
MariaDB [perkuliahan]> create table mahasiswa_has_mata_kuliah(nim_mhsFK INTEGER REFERENCES mahasiswa(nim_mhs) ON DELETE
CASCADE ON UPDATE CASCADE, kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk) ON DELETE CASCADE ON UPDATE CASCADE, PRIMAR
Y KEY(nim_mhsFK, kode_mkFK));
Query OK, 0 rows affected (0.04 sec)
MariaDB [perkuliahan]> create table mata_kuliah_has_dosen(kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk) ON DELETE CA
SCADE ON UPDATE CASCADE, nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE CASCADE ON UPDATE CASCADE, PRIMARY KE
Y(kode_mkFK, nip_dosenFK));
Query OK, 0 rows affected (0.04 sec)
 MariaDB [perkuliahan]> show tables;
```



rows in set (0.02 sec) MariaDB [perkuliahan]> describe mata_kuliah; | Null | Key | Default | Extra | kode_mk | int(11) kode_ruang_kelas | int(11) nama_mk | varchar(45) jml_sks | int(11) YES YES NULL rows in set (0.03 sec) MariaDB [perkuliahan]> describe ruang_kelas; | Type | Null | Key | Default | Extra | int(11) | int(11) | kode_ruang kode_mkFK PRI |

3 rows in set (0.02 sec)

daya_tampung | int(11) | YES

MariaDB [perkuliahan]> describe mata_kuliah_has_dosen -> describe mata_kuliah_has_dosen; ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi on for the right syntax to use near 'describe mata_kuliah_has_dosen' at line 2 MariaDB [perkuliahan]> describe mata_kuliah_has_dosen;

Field	Type	Null		Key		Default	Extra
kode_mkFK	int(11)	NO	Ť	PRI	Ť	NULL	i
nip_dosenFK	int(11)	NO		PRI		NULL	

rows in set (0.02 sec)

MariaDB [perkuliahan]>