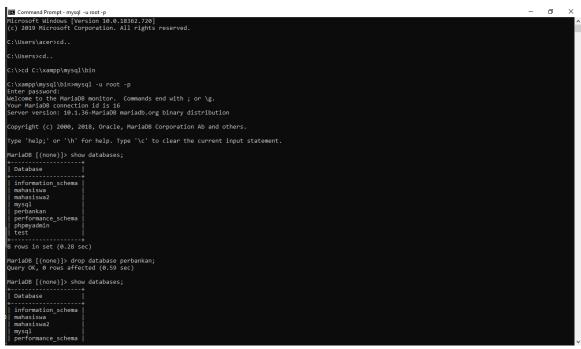
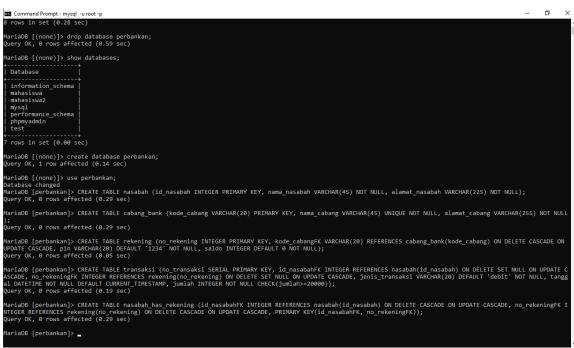
NAMA : DHIYA ULHAQ A

NIM : L200180009

BASIS DATA MODUL 4





```
Ex Command Prompt - mysql - uroot p

MariaDB [perbankan] > show tables;

I Tables_in_perbankan |

cabang_bank |
nasabah |
nasabah |
nasabah | nasabah |
nasabah | secribe nasabah;

Frows In set (0.13 sec)

MariaDB [perbankan] > describe nasabah;

I field | Type | Null | Key | Default | Extra |

id_nasabah | int(11) | NO | PRI | NULL |
nama_nasabah | varchan(25) | NO | NULL |
alamat_nasabh | varchan(25) | NO | NULL |
3 rows in set (0.33 sec)

MariaDB [perbankan]> describe cabang_bank;

I field | Type | Null | Key | Default | Extra |

kode_cabang | varchan(25) | NO | NULL |
alamat_nabah | varchan(25) | NO | NULL |
alamat_cabang | varchan(26) | NO | PRI | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
alamat_cabang | varchan(25) | NO | UNIT | NULL |
but |
alamat_cabang | varchan(25) | NO | PRI | NULL |
but |
alamat_cabang | varchan(25) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI | NULL |
but |
alamat_cabang | varchan(26) | NO | PRI |
alamat_cabang | varchan(26) | NO |
alamat_cabang | varchan(26) |
alamat_cabang | varchan(26) |
alamat_cabang | varchan(26)
```

TUGAS

```
Command Prompt - mysql - uroot - p
Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\acer>cd..

C:\Users\acer>cd..

C:\\scd C:\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 47

Server version: 10.1.36-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;

information_schema | mahasiswa | mahasisw
```

```
MariaDB [perkuliahan]> create table dosen(
-> nip INTEGER PRIMARY KEY,
-> nama_dosen VARCHAR(255) NOT NULL,
-> alamat_dosen VARCHAR(255) NOT NULL,
-> );

Query OK, 0 rows affected (0.27 sec)

MariaDB [perkuliahan]> create table mahasiswa(
-> nim INTEGER PRIMARY KEY,
-> nipFK INTEGER REFERENCES dosen(nip)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> nama_mahasiswa VARCHAR(45) NOT NULL,
-> alamat_mahasiswa VARCHAR(455) NOT NULL,
-> alamat_mahasiswa VARCHAR(455) NOT NULL,
-> nipFK INTEGER REFERENCES dosen(nip)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> nigm amatkul VARCHAR(45) NOT NULL,
-> nipFK INTEGER REFERENCES dosen(nip)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> id_matkul INTEGER PRIMARY KEY,
-> dosen_pengampu VARCHAR(45) NOT NULL
-> );
Query OK, 0 rows affected (0.65 sec)

MariaDB [perkuliahan]> create table runang_kelas(
-> kode_kelas INTEGER PRIMARY KEY,
-> kapasitas INTEGER(20)
-> );
Query OK, 0 rows affected (0.45 sec)

MariaDB [perkuliahan]> create table mahasiswa_has_matkul(
-> nimfk INTEGER REFERENCES mahasiswa(nim)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> id_matkulFK INTEGER REFERENCES matkul(id_matkul)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> pRIMARY KEY(nimFK, id_matkulFK)
-> );
Query OK, 0 rows affected (0.28 sec)
```