

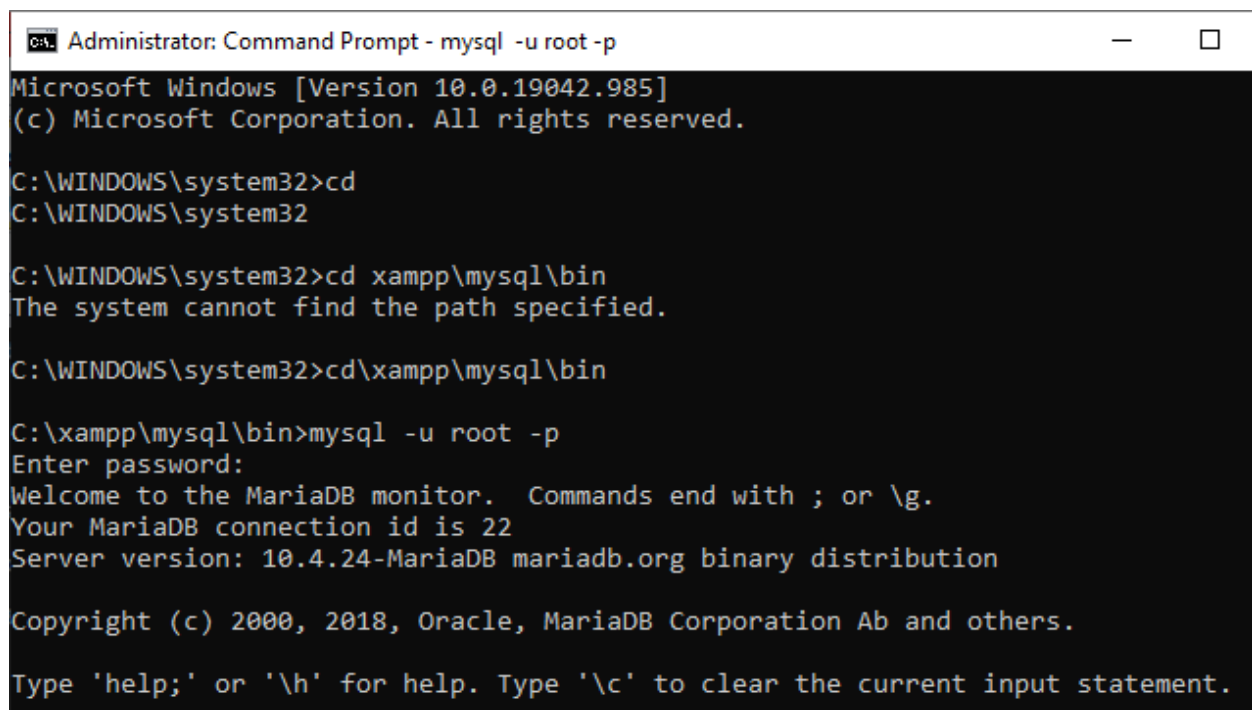
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Tugas : 1 Database

Univ : UNPKediri

Mentor : Arip

- Masuk Ke Ruang DB Melalui CMD



```
Administrator: Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.19042.985]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd
C:\WINDOWS\system32

C:\WINDOWS\system32>cd xampp\mysql\bin
The system cannot find the path specified.

C:\WINDOWS\system32>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 22
Server version: 10.4.24-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.
```

- tampilkan database yang sudah dibuat

```

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
5 rows in set (0.001 sec)

MariaDB [(none)]>

```

- buat database baru : dbpegawai

```

MariaDB [(none)]> Create Database dbpegawai;
Query OK, 1 row affected (0.001 sec)

```

- masuk ke ruang database dbpegawai

```

MariaDB [(none)]> use dbpegawai;
Database changed
MariaDB [dbpegawai]>

```

- tampilkan tabel2 yang sudah ada di dbpegawai

```

MariaDB [dbpegawai]> show tables;
Empty set (0.001 sec)

```

- buat tabel master divisi dengan field2:

```

MariaDB [dbpegawai]> CREATE TABLE divisi(
-> id INT PRIMARY KEY AUTO_INCREMENT,
-> Nama VARCHAR(30) NOT NULL UNIQUE);
Query OK, 0 rows affected (0.051 sec)

MariaDB [dbpegawai]>

```

1. buat tabel relasi pegawai field-field:

```

MariaDB [dbpegawai]> CREATE TABLE pegawai(
  -> id int primary key auto_increment,
  -> nip char(5) not null unique,
  -> nama varchar(30) not null,
  -> gender enum('L','P') not null,
  -> tmp_lahir varchar(30) not null,
  -> tgl_lahir date not null,
  -> iddivisi int not null references divisi(id)
  -> );
Query OK, 0 rows affected (0.029 sec)

MariaDB [dbpegawai]>

```

- tampilkan database yang sudah dibuat

```

MariaDB [dbpegawai]> show databases;
+-----+
| Database |
+-----+
| dbpegawai |
| divisi |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
7 rows in set (0.001 sec)

MariaDB [dbpegawai]>

```

- lihat deskripsi tabel divisi dan pegawai yang sudah dibuat

```

MariaDB [dbpegawai]> desc divisi;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| id    | int(11)       | NO   | PRI | NULL    | auto_increment |
| Nama  | varchar(30)   | NO   | UNI | NULL    |                |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.012 sec)

MariaDB [dbpegawai]>

```

```
MariaDB [dbpegawai]> desc pegawai;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
nip	char(5)	NO	UNI	NULL	
nama	varchar(30)	NO		NULL	
gender	enum('L','P')	NO		NULL	
tmp_lahir	varchar(30)	NO		NULL	
tgl_lahir	date	NO		NULL	
iddivisi	int(11)	NO		NULL	

```
7 rows in set (0.011 sec)
```

```
MariaDB [dbpegawai]>
```