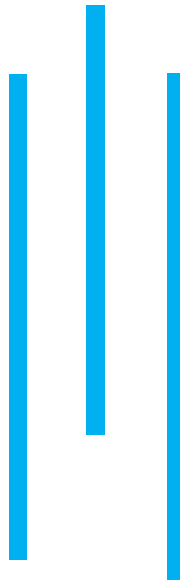


LAPORAN TUGAS
BASIS DATA



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MANAJEMEN PENGGUNA DAN DCL PADA MYSQL

A. Pengguna (A)

1. Connect ke B dengan username

```
XAMPP for Windows - mysql -u yumna -h 10.80.2.31 -P 3306 -p

Setting environment for using XAMPP for Windows.
user@YUMNAAP c:\xampp
# mysql -u yumna -h 10.80.2.31 -P 3306 -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 17
Server version: 10.4.32-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.
```

2. Tampilkan database yang ada

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| test      |
+-----+
2 rows in set (0.059 sec)
```

3. Tampilkan database grant

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| 090_yumna |
| information_schema |
| test      |
+-----+
3 rows in set (0.030 sec)
```

4. Buat tabel **pengguna_nimA** di database yg ada

```
MariaDB [(none)]> use 090_yumna;
Database changed
MariaDB [090_yumna]> create table yumna_090 (
    -> username varchar(40),
    -> password varchar(255) not null,
    -> primary key (username)
    -> );
Query OK, 0 rows affected (0.475 sec)
```

5. Memasukkan data

```
MariaDB [(none)]> use 090_yumna;
Database changed
MariaDB [090_yumna]> insert into yumna_090 (username, password)
    -> value
    -> ('Andi', sha1('pass'));
Query OK, 1 row affected (0.146 sec)
```

6. Tampilkan data tabel memasukkan data

```
MariaDB [090_yumna]> select * from yumna_090;
+-----+-----+
| username | password |
+-----+-----+
| Andi     | 9d4e1e23bd5b727046a9e3b4b7db57bd8d6ee684 |
+-----+-----+
1 row in set (0.294 sec)
```

7. Tampilkan data tabel dari menghapus data

```
MariaDB [(none)]> use 090_yumna;
Database changed
MariaDB [090_yumna]> select * from yumna_090;
ERROR 1142 (42000): SELECT command denied to user 'yumna'@'YUMNAAP' for table '090_yumna`.`yumna_090`
MariaDB [090_yumna]>
```

8. Buat tabel pengguna (no,nama,alamat)

```
MariaDB [(none)]> use db_proyek;
Database changed
MariaDB [db_proyek]> create table pengguna (
  -> no int,
  -> nama varchar(45),
  -> alamat varchar(50),
  -> primary key(no)
  -> );
Query OK, 0 rows affected (1.644 sec)
```

9. Buat tabel pengguna (no_costumer,no_pengguna,jml beli)

```
MariaDB [db_proyek]> create table costumer (
  -> no_costumer int,
  -> no_pengguna int,
  -> jml_beli int,
  -> primary key(no_costumer),
  -> foreign key(no_pengguna) references pengguna (no)
  -> );
Query OK, 0 rows affected (0.766 sec)
```

B. Administrator (B)

1. Buat user untuk A

```
MariaDB [(none)]> create user 'tya'@'%' identified by '12345';
Query OK, 0 rows affected (0.007 sec)
```

2. Buat database untuk A

```
C:\> XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [(none)]> create database 094_tya;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]>
```

3. Berikan hak akses db ke A

```
C:\> XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [(none)]> grant create on 094_tya.* to 'tya'@'%;
Query OK, 0 rows affected (0.008 sec)
```

4. Lihat hasil tabel dari pengguna pada database

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [(none)]> use 094_tya;
Database changed
MariaDB [094_tya]> show tables;
+-----+
| Tables_in_094_tya |
+-----+
| tya_094            |
+-----+
1 row in set (0.001 sec)

MariaDB [094_tya]> desc tya_094;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| username | varchar(40) | NO   | PRI | NULL    |       |
| password | varchar(255) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.013 sec)
```

5. Melihat grant akses

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [094_tya]> show grants for tya;
+-----+
| Grants for tya@% |
+-----+
| GRANT USAGE ON *.* TO `tya`@`%` IDENTIFIED BY PASSWORD '*00A51F3F48415C7D4E89088980D443C29C69B60C9' |
| GRANT CREATE ON `094_tya`.* TO `tya`@`%` |
+-----+
2 rows in set (0.001 sec)
```

6. Grant insert,select,update

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [094_tya]> grant insert,select,update on 094_tya.* to 'tya'@'%';
Query OK, 0 rows affected (0.008 sec)
```

7. Revoke

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [094_tya]> revoke select on 094_tya.* from 'tya'@'%';
Query OK, 0 rows affected (0.003 sec)
```

8. Buat database dengan nama db_proyek

```
C:\xampp> XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [(none)]> create database db_proyek;
Query OK, 1 row affected (0.002 sec)
```

9. Beri seluruh privileges

```
C:\xampp> XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

MariaDB [(none)]> grant all privileges on db_proyek.* to 'tya'@'%';
Query OK, 0 rows affected (0.008 sec)
```