

UAS BASIS DATA

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1. Pembuatan database dan cek apakah database sudah terbuat

```
c:\xampp>cd mysql/bin
The system cannot find the path specified.

c:\xampp>cd 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 8
Server version: 10.4.32-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| alat_kesehatan |
| clinic_management |
| hospital_management |
| information_schema |
| manajemen_klinik |
| mengirim_via_atm |
| mysql |
| performance_schema |
| perpustakaan |
| phpmyadmin |
| test |
+-----+
11 rows in set (0.091 sec)
```

2. Masuk ke database dan membuaat tabel

```
MariaDB [(none)]> use mengirim_via_atm;
Database changed
MariaDB [mengirim_via_atm]> create table pengirim (
  -> id_pengirim INT NOT NULL AUTO_INCREMENT,
  -> kartu_atm VARCHAR(25) NOT NULL,
  -> pin_atm INT(10) NOT NULL,
  -> kode_bank INT(10) NOT NULL,
  -> nominal_uang INT(50) NOT NULL,
  -> nomor_rekening_tujuan Int(50),
  -> PRIMARY KEY (id_pengirim)
  -> );
Query OK, 0 rows affected (0.037 sec)

MariaDB [mengirim_via_atm]> create table ATM (
  -> id_atm INT NOT NULL AUTO_INCREMENT,
  -> data_pengirim VARCHAR(50) NOT NULL,
  -> data_penerima VARCHAR(50) NOT NULL,
  -> data_bank VARCHAR(50),
  -> PRIMARY KEY (id_atm)
  -> );
Query OK, 0 rows affected (0.040 sec)

MariaDB [mengirim_via_atm]> create table penerima (
  -> id_penerima INT NOT NULL AUTO_INCREMENT,
  -> notifikasi_uang_masuk VARCHAR(50) NOT NULL,
  -> nama_pengirim VARCHAR(25) NOT NULL,
  -> nomor_rekening_pengirim INT(50) NOT NULL,
  -> nominal_uang INT(50),
  -> PRIMARY KEY (id_penerima)
  -> );
Query OK, 0 rows affected (0.040 sec)
```

3. Melihat apakah tabel sudah terbuat

```
MariaDB [mengirim_via_atm]> show tables;
+-----+
| Tables_in_mengirim_via_atm |
+-----+
| atm |
| penerima |
| pengirim |
+-----+
3 rows in set (0.001 sec)
```

4. Melihat masing masing tabel apakah sudah sesuai dengan input data atribut tabel

```

MariaDB [mengirim_via_atm]> desc pengirim;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pengirim | int(11) | NO | PRI | NULL | auto_increment |
| kartu_atm | varchar(25) | NO | | NULL | |
| pin_atm | int(10) | NO | | NULL | |
| kode_bank | int(10) | NO | | NULL | |
| nominal_uang | int(50) | NO | | NULL | |
| nomor_rekening_tujuan | int(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.051 sec)

MariaDB [mengirim_via_atm]> desc ATM;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_atm | int(11) | NO | PRI | NULL | auto_increment |
| data_pengirim | varchar(50) | NO | | NULL | |
| data_penerima | varchar(50) | NO | | NULL | |
| data_bank | varchar(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.044 sec)

MariaDB [mengirim_via_atm]> desc penerima;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_penerima | int(11) | NO | PRI | NULL | auto_increment |
| notifikasi_uang_masuk | varchar(50) | NO | | NULL | |
| nama_pengirim | varchar(25) | NO | | NULL | |
| nomor_rekening_pengirim | int(50) | NO | | NULL | |
| nominal_uang | int(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.052 sec)

```

5. Buka phpmyadmin pada panel kontrol untuk merubah tabel yang sudah kita buat jika kurang sesuai

