SQL DASAR

1. Show database

```
MariaDB [data_users]> show databases;
+------------------------+
| Database               |
+------------------------+
| cv_global_0434         |
| cv_global_434          |
| data_users             |
| database               |
| db_hotel               |
| db_sekolah             |
| gudang                 |
| house_rental_db        |
| information_schema     |
| kost                   |
| minimarket             |
| mysql                  |
| nama_database          |
| performance_schema     |
| perpustakaan           |
| perpustakaan_34        |
| perpustakaan_434       |
| phpmyadmin             |
| rentalmanagement       |
| rentalproperti_0434    |
| rumah_sakit            |
| saw                    |
| siakaddb_0422          |
| siakaddb_0434          |
| supply_chain_management |
| table_users            |
| test                   |
| tokodb_220434          |
| vila                   |
+------------------------+
29 rows in set (0.001 sec)
```

2. Use data_users

```
MariaDB [data_users]> use data_users;
Database changed
```

3. Show table

```
MariaDB [data_users]> show tables;
+---------------------+
| Tables_in_data_users |
+---------------------+
| users               |
+---------------------+
```

4. Desc user

```
MariaDB [data_users]> desc users;
+--------+--------------+------+-----+---------+----------------+
| Field  | Type         | Null | Key | Default | Extra          |
+--------+--------------+------+-----+---------+----------------+
| id     | int(11)      | NO   | PRI | NULL    | auto_increment |
| nama   | varchar(100) | YES  |     | NULL    |                |
| alamat | varchar(255) | YES  |     | NULL    |                |
| usia   | int(11)      | YES  |     | NULL    |                |
+--------+--------------+------+-----+---------+----------------+
```

5. Insert data

```
MariaDB [data_users]> INSERT INTO users (nama, alamat, usia) VALUES
    -> ('RizkyBoy', 'Jakarta', FLOOR(RAND() * 21) + 15),
    -> ('CiciCute', 'Bandung', FLOOR(RAND() * 21) + 15),
    -> ('DodoGamer', 'Surabaya', FLOOR(RAND() * 21) + 15),
    -> ('NanaChan', 'Yogyakarta', FLOOR(RAND() * 21) + 15),
    -> ('UcupX', 'Medan', FLOOR(RAND() * 21) + 15),
    -> ('ViraVibes', 'Bogor', FLOOR(RAND() * 21) + 15),
    -> ('AlvinZ', 'Semarang', FLOOR(RAND() * 21) + 15),
    -> ('LalaPop', 'Malang', FLOOR(RAND() * 21) + 15),
    -> ('BintangFtw', 'Denpasar', FLOOR(RAND() * 21) + 15),
    -> ('YolaHype', 'Bekasi', FLOOR(RAND() * 21) + 15),
    -> ('FauzanXD', 'Depok', FLOOR(RAND() * 21) + 15),
    -> ('GiselGlow', 'Cimahi', FLOOR(RAND() * 21) + 15),
    -> ('ReyCool', 'Tangerang', FLOOR(RAND() * 21) + 15),
    -> ('MeyMey', 'Balikpapan', FLOOR(RAND() * 21) + 15),
    -> ('DianZee', 'Padang', FLOOR(RAND() * 21) + 15),
    -> ('AndraLowkey', 'Palembang', FLOOR(RAND() * 21) + 15),
    -> ('JijiSwag', 'Manado', FLOOR(RAND() * 21) + 15),
    -> ('TataSlay', 'Makassar', FLOOR(RAND() * 21) + 15),
    -> ('BobyZoom', 'Pontianak', FLOOR(RAND() * 21) + 15),
    -> ('RereCute', 'Batam', FLOOR(RAND() * 21) + 15),
    -> ('IqbalFlex', 'Cirebon', FLOOR(RAND() * 21) + 15),
    -> ('ZeeFun', 'Mataram', FLOOR(RAND() * 21) + 15),
    -> ('OjanDrip', 'Banjarmasin', FLOOR(RAND() * 21) + 15),
    -> ('GheaLofi', 'Kupang', FLOOR(RAND() * 21) + 15),
    -> ('FarelChill', 'Pekanbaru', FLOOR(RAND() * 21) + 15),
    -> ('NitaGlowUp', 'Solo', FLOOR(RAND() * 21) + 15),
    -> ('KevinSkuy', 'Magelang', FLOOR(RAND() * 21) + 15),
    -> ('SasaMood', 'Samarinda', FLOOR(RAND() * 21) + 15),
    -> ('DikaWoles', 'Probolinggo', FLOOR(RAND() * 21) + 15),
    -> ('LiliOnTop', 'Tegal', FLOOR(RAND() * 21) + 15);
```

6. Memilih semua data dari tabel users dimana data yang ditampilkan hanya user yang berumur lebih dari 20 tahun.

```
MariaDB [data_users]> select * from users where usia > 20 ;
+----+-------------+-------------+------+
| id | nama        | alamat      | usia |
+----+-------------+-------------+------+
|  2 | CiciCute    | Bandung     |   22 |
|  5 | UcupX       | Medan       |   22 |
|  7 | AlvinZ      | Semarang    |   24 |
|  8 | LalaPop     | Malang      |   35 |
|  9 | BintangFtw  | Denpasar    |   23 |
| 11 | FauzanXD    | Depok       |   32 |
| 12 | GiselGlow   | Cimahi      |   25 |
| 14 | MeyMey      | Balikpapan  |   28 |
| 16 | AndraLowkey | Palembang   |   23 |
| 17 | JijiSwag    | Manado      |   32 |
| 19 | BobyZoom    | Pontianak   |   28 |
| 21 | IqbalFlex   | Cirebon     |   26 |
| 22 | ZeeFun      | Mataram     |   26 |
| 24 | GheaLofi    | Kupang      |   27 |
| 25 | FarelChill  | Pekanbaru   |   31 |
| 27 | KevinSkuy   | Magelang    |   25 |
| 28 | SasaMood    | Samarinda   |   35 |
| 29 | DikaWoles   | Probolinggo |   25 |
| 30 | LiliOnTop   | Tegal       |   23 |
+----+-------------+-------------+------+
19 rows in set (0.001 sec)
```

7. Delete user berdasarkan id

```
MariaDB [data_users]> update users set nama = 'KevinSkuy', alamat = 'Magelang' where id=27;
Query OK, 0 rows affected (0.001 sec)
Rows matched: 1  Changed: 0  Warnings: 0
```

8. Update user set nama, alamat dimana user yang ingin dirubah adalah id 27.

```
MariaDB [data_users]> update users set nama = 'KevinSkuy', alamat = 'Makassar' where id=27;
Query OK, 1 row affected (0.006 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [data_users]> select * from users where usia > 20;
+----+-------------+-------------+------+
| id | nama        | alamat      | usia |
+----+-------------+-------------+------+
|  5 | UcupX       | Medan       |   22 |
|  7 | AlvinZ      | Semarang    |   24 |
|  8 | LalaPop     | Malang      |   35 |
|  9 | BintangFtw  | Denpasar    |   23 |
| 11 | FauzanXD    | Depok       |   32 |
| 12 | GiselGlow   | Cimahi      |   25 |
| 14 | MeyMey      | Balikpapan  |   28 |
| 16 | AndraLowkey | Palembang   |   23 |
| 17 | JijiSwag    | Manado      |   32 |
| 19 | BobyZoom    | Pontianak   |   28 |
| 21 | IqbalFlex   | Cirebon     |   26 |
| 22 | ZeeFun      | Mataram     |   26 |
| 24 | GheaLofi    | Kupang      |   27 |
| 25 | FarelChill  | Pekanbaru   |   31 |
| 27 | KevinSkuy   | Makassar    |   25 |
| 28 | SasaMood    | Samarinda   |   35 |
| 29 | DikaWoles   | Probolinggo |   25 |
| 30 | LiliOnTop   | Tegal       |   23 |
+----+-------------+-------------+------+
18 rows in set (0.001 sec)
```