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mysql> #Kita akan masih menggunakan db modul3 untuk menyimpan tbl mahasiswa

mysql> #Sebelumnya kita cek terlebih dahulu

mysql> show databases;

ERROR 2013 (HY000): Lost connection to MySQL server during query

No connection. Trying to reconnect...

Connection id: 8

Current database: \*\*\* NONE \*\*\*

+--------------------+

| Database |

+--------------------+

| information\_schema |

| modul3 |

| mysql |

| performance\_schema |

| sys |

+--------------------+

5 rows in set (0.01 sec)

mysql> #Kita akan masuk ke db modul3

mysql> use modul3;

Database changed

mysql> select database();

+------------+

| database() |

+------------+

| modul3 |

+------------+

1 row in set (0.00 sec)

mysql> #Langsung kita buat tbl mahasiswanya

mysql> create table mahasiswa (

-> nim int primary key,

-> ^C

mysql> create table mahasiswa (

-> nim varchar(20) primary key,

-> nama\_mahasiswa varchar (50),

-> jurusan varchar(25)

-> ^C

mysql> create table mahasiswa (

-> nim int primary key,

-> ^C

mysql> create table mahasiswa (

-> nim varchar(20) primary key,

-> nama\_mahasiswa varchar(50),

-> jurusan varchar(25),

-> angkatan int(4),

-> kelas varchar(5));

Query OK, 0 rows affected, 1 warning (0.09 sec)

mysql> #kita akan melakukan pengecekan

mysql> describe mahasiswa;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| nim | varchar(20) | NO | PRI | NULL | |

| nama\_mahasiswa | varchar(50) | YES | | NULL | |

| jurusan | varchar(25) | YES | | NULL | |

| angkatan | int | YES | | NULL | |

| kelas | varchar(5) | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

mysql> #Harusnya datanya not null tapi lupa ga dimasukin, Jadi

mysql> alter table mahasiswa

-> modify nama\_mahasiswa varchar(50) not null,

-> modify jurusan varchar(25) not null,

-> modify angkatan int not null,

-> modify kelas varchar(5) not null;

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc mahasiswa;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| nim | varchar(20) | NO | PRI | NULL | |

| nama\_mahasiswa | varchar(50) | NO | | NULL | |

| jurusan | varchar(25) | NO | | NULL | |

| angkatan | int | NO | | NULL | |

| kelas | varchar(5) | NO | | NULL | |

+----------------+-------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

mysql> load data infile 'mahasiswa.txt' into table mahasiswa fields terminated by '\t';

ERROR 29 (HY000): File 'C:\laragon\data\mysql\modul3\mahasiswa.txt' not found (OS errno 2 - No such file or directory)

mysql> load data infile 'mahasiswa.txt' into table mahasiswa fields terminated by '\t';

ERROR 29 (HY000): File 'C:\laragon\data\mysql\modul3\mahasiswa.txt' not found (OS errno 2 - No such file or directory)

mysql> load data infile 'mahasiswa.txt' into table mahasiswa fields terminated by '\t';

ERROR 1366 (HY000): Incorrect integer value: 'TM ' for column 'angkatan' at row 1

mysql> load data infile 'mahasiswa.txt' into table mahasiswa fields terminated by '\t';

ERROR 1265 (01000): Data truncated for column 'angkatan' at row 8

mysql> load data infile 'mahasiswa.txt' into table mahasiswa fields terminated by '\t';

Query OK, 9 rows affected (0.03 sec)

Records: 9 Deleted: 0 Skipped: 0 Warnings: 0

mysql> #Kita cek sekarang

mysql> select \* from mahasiswa;

+--------------+------------------+---------+----------+-------+

| nim | nama\_mahasiswa | jurusan | angkatan | kelas |

+--------------+------------------+---------+----------+-------+

| 15.03.01.008 | Citra Kusuma | TM | 2015 | 3B |

| 15.03.02.077 | Nur Cahyo | TI | 2015 | 3A |

| 15.03.03.056 | Aris Firman | TE | 2015 | 3C |

| 16.03.01.015 | Andi Setiawan | TM | 2016 | 2A |

| 16.03.02.027 | Novi Indri | TI | 2016 | 2C |

| 16.03.03.033 | Joko Pramono | TE | 2016 | 2B |

| 17.03.01.017 | Bimo Haris | TM | 2017 | 1A |

| 17.03.02.034 | Ananda Kurniawan | TI | 2017 | 1B |

| 17.03.03.045 | Nur Fitria | TE | 2017 | 1C |

+--------------+------------------+---------+----------+-------+

9 rows in set (0.00 sec)

mysql> create table mahasiswa\_copy AS

-> select \* from mahasiswa

-> WHERE jurusan 'TI' AND angkatan BETWEEN '2014' AND '2016';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''TI' AND angkatan BETWEEN '2014' AND '2016'' at line 3

mysql> create table mahasiswa\_copy AS

-> select \* from mahasiswa;

Query OK, 9 rows affected (0.04 sec)

Records: 9 Duplicates: 0 Warnings: 0

mysql> show tables;

+------------------+

| Tables\_in\_modul3 |

+------------------+

| cars |

| employee |

| employee\_copy |

| mahasiswa |

| mahasiswa\_copy |

| table1 |

| table2 |

| table3 |

+------------------+

8 rows in set (0.00 sec)

mysql> drop table mahasiswa\_copy;

Query OK, 0 rows affected (0.08 sec)

mysql> show tables;

+------------------+

| Tables\_in\_modul3 |

+------------------+

| cars |

| employee |

| employee\_copy |

| mahasiswa |

| table1 |

| table2 |

| table3 |

+------------------+

7 rows in set (0.00 sec)

mysql> create table mahasiswa\_copy AS

-> select \* from mahasiswa

-> WHERE jurusan='TI' AND angkatan BETWEEN '2014' AND '2016';

Query OK, 2 rows affected (0.04 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from mahasiswa\_copy;

+--------------+----------------+---------+----------+-------+

| nim | nama\_mahasiswa | jurusan | angkatan | kelas |

+--------------+----------------+---------+----------+-------+

| 15.03.02.077 | Nur Cahyo | TI | 2015 | 3A |

| 16.03.02.027 | Novi Indri | TI | 2016 | 2C |

+--------------+----------------+---------+----------+-------+

2 rows in set (0.00 sec)

mysql> \q