LENOVO@TAMIL d:\xampp

# 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

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> system cls

MariaDB [(none)]> select database();

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

| database() |

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

| NULL |

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

1 row in set (0.000 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| dbstk |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| stk2db |

| stkdb |

| test |

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

8 rows in set (0.048 sec)

MariaDB [(none)]> drop database if exists stkdb;

Query OK, 8 rows affected (1.460 sec)

MariaDB [(none)]> drop database if exists stkdb;

Query OK, 0 rows affected, 1 warning (0.000 sec)

MariaDB [(none)]> show warnings;

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

| Level | Code | Message |

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

| Note | 1008 | Can't drop database 'stkdb'; database doesn't exist |

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

1 row in set (0.000 sec)

MariaDB [(none)]> select database();

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

| database() |

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

| NULL |

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

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MariaDB [(none)]> show databases;

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

| Database |

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

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| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| stk2db |

| stkdb |

| test |

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

| Level | Code | Message |

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

| Note | 1008 | Can't drop database 'stkdb'; database doesn't exist |

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

1 row in set (0.000 sec)

MariaDB [(none)]> create database if not exits stkdb charset latin1 collate latin1\_swedish\_ci;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'exits stkdb charset latin1 collate latin1\_swedish\_ci' at line 1

MariaDB [(none)]> create database if not exits stkdb charset latin1 collate latin1\_swedish\_ci;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'exits stkdb charset latin1 collate latin1\_swedish\_ci' at line 1

MariaDB [(none)]> create database if not exists stkdb charset latin1 collate latin1\_swedish\_ci;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databse;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'databse' at line 1

MariaDB [(none)]> show databses;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'databses' at line 1

MariaDB [(none)]> show databases;

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

| Database |

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

| dbstk |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| stk2db |

| stkdb |

| test |

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

8 rows in set (0.001 sec)

MariaDB [(none)]> select database();

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

| database() |

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

| NULL |

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

1 row in set (0.000 sec)

MariaDB [(none)]> use stkdb;

Database changed

MariaDB [stkdb]> select database();

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

| database() |

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

| stkdb |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> show tables;

Empty set (0.001 sec)

MariaDB [stkdb]> drop table if exists tblest;

Query OK, 0 rows affected, 1 warning (0.000 sec)

MariaDB [stkdb]> show warnings;

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

| Level | Code | Message |

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

| Note | 1051 | Unknown table 'stkdb.tblest' |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> select length(' ');

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

| length(' ') |

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

| 3 |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> select length(trim(' '));

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

| length(trim(' ')) |

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

| 0 |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> create table tblest(eid int primary key auto\_increment,ename varchar(4) not null check(length(trim(ename)) !=0),)auto\_increment=1001;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')auto\_increment=1001' at line 1

MariaDB [stkdb]> create table tblest(eid int primary key auto\_increment,ename varchar(4) not null check(length(trim(ename)) !=0))auto\_increment=1001;

Query OK, 0 rows affected (0.146 sec)

MariaDB [stkdb]> desc tblest;

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

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

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

| eid | int(11) | NO | PRI | NULL | auto\_increment |

| ename | varchar(4) | NO | | NULL | |

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

2 rows in set (0.021 sec)

MariaDB [stkdb]> alter table modify column ename text;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'column ename text' at line 1

MariaDB [stkdb]> alter table tblest modify column ename text;

Query OK, 0 rows affected (0.798 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [stkdb]> alter table add column sal numeric(10,2) not null check(sal >=0);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'add column sal numeric(10,2) not null check(sal >=0)' at line 1

MariaDB [stkdb]> alter table add column sal numeric(10,2) not null check(sal >=0)

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'add column sal numeric(10,2) not null check(sal >=0)' at line 1

MariaDB [stkdb]> alter table tblest add column sal numeric(10,2) not null check(sal >=0);

Query OK, 0 rows affected (0.133 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [stkdb]> desc tblest;

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

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

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

| eid | int(11) | NO | PRI | NULL | auto\_increment |

| ename | text | YES | | NULL | |

| sal | decimal(10,2) | NO | | NULL | |

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

3 rows in set (0.039 sec)

MariaDB [stkdb]> alter table tblest add column tax10 numeric(7,2) not null default 0,add column tax30 numeric(7,2) not null default 0;

Query OK, 0 rows affected (0.130 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [stkdb]> desc tblest;

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

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

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

| eid | int(11) | NO | PRI | NULL | auto\_increment |

| ename | text | YES | | NULL | |

| sal | decimal(10,2) | NO | | NULL | |

| tax10 | decimal(7,2) | NO | | 0.00 | |

| tax30 | decimal(7,2) | NO | | 0.00 | |

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

5 rows in set (0.016 sec)

MariaDB [stkdb]> alter table tblest add column tax20 numeric(7,2) not null default 0 after tax10;

Query OK, 0 rows affected (0.071 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [stkdb]> desc tblest;

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

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

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

| eid | int(11) | NO | PRI | NULL | auto\_increment |

| ename | text | YES | | NULL | |

| sal | decimal(10,2) | NO | | NULL | |

| tax10 | decimal(7,2) | NO | | 0.00 | |

| tax20 | decimal(7,2) | NO | | 0.00 | |

| tax30 | decimal(7,2) | NO | | 0.00 | |

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

6 rows in set (0.137 sec)

MariaDB [stkdb]> alter table tblest add column npay numeric(10,2) not null default 0, add column tottax numeric(8,2) not null default 0 after tax30;

Query OK, 0 rows affected (0.154 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [stkdb]> desc tblest;

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

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

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

| eid | int(11) | NO | PRI | NULL | auto\_increment |

| ename | text | YES | | NULL | |

| sal | decimal(10,2) | NO | | NULL | |

| tax10 | decimal(7,2) | NO | | 0.00 | |

| tax20 | decimal(7,2) | NO | | 0.00 | |

| tax30 | decimal(7,2) | NO | | 0.00 | |

| tottax | decimal(8,2) | NO | | 0.00 | |

| npay | decimal(10,2) | NO | | 0.00 | |

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

8 rows in set (0.016 sec)

MariaDB [stkdb]> select \* from tblest;

Empty set (0.001 sec)

MariaDB [stkdb]> select count(\*) from tblest;

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

| count(\*) |

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

| 0 |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> insert into tblest(ename,sal)values('x5',500000);

Query OK, 1 row affected (0.162 sec)

MariaDB [stkdb]> select \* from tblest;

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

| eid | ename | sal | tax10 | tax20 | tax30 | tottax | npay |

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

| 1001 | x5 | 500000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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

1 row in set (0.000 sec)

MariaDB [stkdb]> select count(\*) from tblest;

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

| count(\*) |

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

| 1 |

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

1 row in set (0.000 sec)

MariaDB [stkdb]>