# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 11

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)]> select database();

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

| database() |

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

| NULL |

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

1 row in set (0.000 sec)

MariaDB [(none)]> use dbstk;

Database changed

MariaDB [dbstk]> show tables;

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

| Tables\_in\_dbstk |

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

| empsalall |

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

1 row in set (0.001 sec)

MariaDB [dbstk]> create table if not exists tblest(eid int primary key auto\_increment,ename text charset latin1 collate latin1\_swedish\_ci,sal decimal(10,2) not null check(sal>=0))auto\_increment=1001;

Query OK, 0 rows affected (0.231 sec)

MariaDB [dbstk]> show tables;

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

| Tables\_in\_dbstk |

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

| empsalall |

| tblest |

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

2 rows in set (0.001 sec)

MariaDB [dbstk]> 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 (0.024 sec)

MariaDB [dbstk]> show create table tblest;

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

| Table | Create Table |

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

| tblest | CREATE TABLE `tblest` (

`eid` int(11) NOT NULL AUTO\_INCREMENT,

`ename` text CHARACTER SET latin1 COLLATE latin1\_swedish\_ci DEFAULT NULL,

`sal` decimal(10,2) NOT NULL CHECK (`sal` >= 0),

PRIMARY KEY (`eid`)

) ENGINE=InnoDB AUTO\_INCREMENT=1001 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci |

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

MariaDB [dbstk]> select \* from tblest;

Empty set (0.000 sec)

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

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

| count(\*) |

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

| 0 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> drop function if exists udfencrpyt;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1305 | FUNCTION dbstk.udfencrpyt does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> insert into tblest(ename,sal)values('x5',100000);

Query OK, 1 row affected (0.357 sec)

MariaDB [dbstk]> select \* from tblest;

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

| eid | ename | sal |

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

| 1001 | x5 | 100000.00 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> insert into tblest(ename,sal)values('x3',500000),('x1',300000);

Query OK, 2 rows affected (0.389 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [dbstk]> select \* from tblest;

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

| eid | ename | sal |

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

| 1001 | x5 | 100000.00 |

| 1002 | x3 | 500000.00 |

| 1003 | x1 | 300000.00 |

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

3 rows in set (0.000 sec)

MariaDB [dbstk]> drop function if exists udfencrpyt;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1305 | FUNCTION dbstk.udfencrpyt does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create function if not exixts udfencrypt(fddp text charset latin1 collate latin1\_swedish\_ci)

-> returns text charset latin1 collate latin1\_swedish\_ci

-> begin

-> set @aescwd='F.O.X.0-9';

-> set @aesed=aes\_encrypt(fddp,@aescwd);

-> set @descwd='0-9.F.O.X';

-> set @desed=des\_encrypt(@aesed,@descwd);

-> set @ed1cwd='ZZA-zza';

-> set @ed1ed=encode(@desed,@ed1cwd);

-> set @cu1ed=compress(@ed1ed);

-> return @cu1ed;

-> end;

-> //

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 'exixts udfencrypt(fddp text charset latin1 collate latin1\_swedish\_ci)

returns...' at line 1

MariaDB [dbstk]> create function if not exists udfencrypt(fddp text charset latin1 collate latin1\_swedish\_ci)

-> returns text charset latin1 collate latin1\_swedish\_ci

-> begin

-> set @aescwd='F.O.X.0-9';

-> set @aesed=aes\_encrypt(fddp,@aescwd);

-> set @descwd='0-9.F.O.X';

-> set @desed=des\_encrypt(@aesed,@descwd);

-> set @ed1cwd='ZZA-zza';

-> set @ed1ed=encode(@desed,@ed1cwd);

-> set @cu1ed=compress(@ed1ed);

-> return @cu1ed;

-> end;

-> //

Query OK, 0 rows affected (0.222 sec)

MariaDB [dbstk]> delimiter ;

MariaDB [dbstk]> select udfencrypt('saturday is weekend day');

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

| udfencrypt('saturday is weekend day') |

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

| ) x┼ô☺) ├û├┐┬½ÿB‼├╗c╦ågP]╦å┬Ñ5╦£├ÑΓÇ¥├ü├│┬╖;┬ü┬┼╛├║'♂Gs├ó┬ì├╡├à├íV┼ô├òΓÇÜ├äN┬║├É▬' |

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

1 row in set (0.001 sec)

MariaDB [dbstk]> drop function if exists udfdecrypt;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1305 | FUNCTION dbstk.udfdecrypt does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create function if not exists udfdecrypt(fped text charset latin1 collate latin1\_swedish\_ci)

-> returns text charset latin1 collate latin1\_swedish\_ci

-> begin

-> set @cu1dd=uncompress(fped);

-> set @ed1dd=decode(@cu1dd,@ed1cwd);

-> set @desdd=des\_decrypt(@ed1dd,@descwd);

-> set @aesdd=aes\_decrypt(@desdd,@aescwd);

-> return @aesdd;

-> end;

-> //

Query OK, 0 rows affected (0.404 sec)

MariaDB [dbstk]> delimiter ;

MariaDB [dbstk]> select udfencrypt('cool drink categories are coke 7up and pepsi');

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

| udfencrypt('cool drink categories are coke 7up and pepsi') |

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

| 9 x┼ô☺9 ├å├┐┬½┬┐t)├₧├ÖΓÇÜ┬╖♥!├Ñ@├╢ΓÇ║

┬╛x├¿ΓÇª├║├▓J∟My&=┬╜├ò├ò:├æ├Ñ├º=f§ n┬┐┼Æ♀├│├ó9K\_┬╗-├ì├╛├¬├╖k├ê∟5{.▲ΓÇª |

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

1 row in set (0.001 sec)

MariaDB [dbstk]> select udfdecrypt('| 9 x┼ô☺9 ├å├┐┬½┬┐t)├₧├ÖΓÇÜ┬╖♥!├Ñ@├╢ΓÇ║

'> ┬╛x├¿ΓÇª├║├▓J∟My&=┬╜├ò├ò:├æ├Ñ├º=f§ n┬┐┼Æ♀├│├ó9K\_┬╗-├ì├╛├¬├╖k├ê∟5{.▲ΓÇª |');

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

| udfdecrypt('| 9 x┼ô☺9 ├å├┐┬½┬┐t)├₧├ÖΓÇÜ┬╖♥!├Ñ@├╢ΓÇ║

┬╛x├¿ΓÇª├║├▓J∟My&=┬╜├ò├ò:├æ├Ñ├º=f§ n┬┐┼Æ♀├│├ó9K\_┬╗-├ì├╛├¬├╖k├ê∟5{.▲ΓÇª |') |

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

| NULL |

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

1 row in set (0.001 sec)

MariaDB [dbstk]> select udfdecrypt('| 9 x┼ô☺9 ├å├┐┬½┬┐t)├₧├ÖΓÇÜ┬╖♥!├Ñ@├╢ΓÇ║

'> ┬╛x├¿ΓÇª├║├▓J∟My&=┬╜├ò├ò:├æ├Ñ├º=f§ n┬┐┼Æ♀├│├ó9K\_┬╗-├ì├╛├¬├╖k├ê∟5{.▲ΓÇª |');

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

| udfdecrypt('| 9 x┼ô☺9 ├å├┐┬½┬┐t)├₧├ÖΓÇÜ┬╖♥!├Ñ@├╢ΓÇ║

┬╛x├¿ΓÇª├║├▓J∟My&=┬╜├ò├ò:├æ├Ñ├º=f§ n┬┐┼Æ♀├│├ó9K\_┬╗-├ì├╛├¬├╖k├ê∟5{.▲ΓÇª |') |

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

| NULL |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select udfencrypt('cool drink categories are coke 7up and pepsi') into @ed;

Query OK, 1 row affected (0.001 sec)

MariaDB [dbstk]> select udfdecrypt(@ed) into @dd;

Query OK, 1 row affected (0.000 sec)

MariaDB [dbstk]> insert into tblest(ename,sal)values(udfencrypt('x2'),200000),(udfencrypt('x4'),400000);

Query OK, 2 rows affected (0.112 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [dbstk]> select \* from tblest;

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

| eid | ename | sal |

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

| 1001 | x5 | 100000.00 |

| 1002 | x3 | 500000.00 |

| 1003 | x1 | 300000.00 |

ΓÇ║ | 200000.00 |┼ôX├æ├ÿ C¶┬▓┬«7├¢├ì♫7┬º┬╛ΓÇ░

| 1005 | ↓ x┼ô[}<├è5├É!MA<├¼┬┐O├ÇcW1{├íu┬½├ä§┬╢├Ü┬╗ ΓÇÜ├ù ╦å | 400000.00 |

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

5 rows in set (0.000 sec)

MariaDB [dbstk]> select ename from tblest;

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

| ename |

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

| x5 |

| x3 |

| x1 |

ΓÇ║ |ío9├┐┼ôX├æ├ÿ C¶┬▓┬«7├¢├ì♫7┬º┬╛ΓÇ░

| ↓ x┼ô[}<├è5├É!MA<├¼┬┐O├ÇcW1{├íu┬½├ä§┬╢├Ü┬╗ ΓÇÜ├ù ╦å |

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

5 rows in set (0.000 sec)

MariaDB [dbstk]> select left(ename,10) from tblest;

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

| left(ename,10) |

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

| x5 |

| x3 |

| x1 |

| ↓ x┼ô☺↓ ├ª |

| ↓ x┼ô[}<├è |

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

5 rows in set (0.000 sec)

MariaDB [dbstk]> update tblest set ename=udfencrypt(ename) where eid<=1003;

Query OK, 3 rows affected (0.122 sec)

Rows matched: 3 Changed: 3 Warnings: 0

MariaDB [dbstk]> select \* from tblest;

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

| eid | ename | sal |

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

| 1001 | ↓ x┼ô[}├º┬▒6├»┬▒3A┼Æ┬╡├ó↓├╣V├╜┬ü&ΓÇÿ┼╕├Å-;├Öx`→ ┬¥╦£♀┬í | 100000.00 |

| 1002 | ↓ x┼ô[}cmw├èc♂├½┬╡├▒┬╗├╡├┤>├╣├å├│┬╗7>┼íj/├è♠ ┬ªe♂2 | 500000.00 |

| 1003 | ↓ x┼ô[┬¡├æ├▒┬«)E┬╝├╢├▒▲-├ÑfG┬│ΓÇª├«├»♣☻┬ó▬s3ΓÇ¥ ΓÇ¥├¥

] | 300000.00 |

ΓÇ║ | 200000.00 |┼ôX├æ├ÿ C¶┬▓┬«7├¢├ì♫7┬º┬╛ΓÇ░

| 1005 | ↓ x┼ô[}<├è5├É!MA<├¼┬┐O├ÇcW1{├íu┬½├ä§┬╢├Ü┬╗ ΓÇÜ├ù ╦å | 400000.00 |

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

5 rows in set (0.000 sec)

MariaDB [dbstk]> alter table add column tax10 decimal(10,2) not null check(tax10>0),add column tax20 decimal(10,2) not null check(tax20>0),add column tax30 decimal(10,2) not null check(tax30>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 tax10 decimal(10,2) not null check(tax10>0),add column tax20 decim...' at line 1

MariaDB [dbstk]> alter table tblest add column tax10 decimal(10,2) not null check(tax10>0),add column tax20 decimal(10,2) not null check(tax20>0),add column tax30 decimal(10,2) not null check(tax30>0);

Query OK, 0 rows affected (0.046 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [dbstk]> alter table tblest add column tottax decimal(8,2) not null check(tottax>=0),add column npay decimal(10,2) not null check(npay>=0);\

Query OK, 0 rows affected (0.130 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [dbstk]> drop trigger if exists trgins\_tblest;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1360 | Trigger does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create or replace trigger trgins\_tblest

-> before insert on tblest

-> begin

-> set @snamepd=new.sname;

-> set @ed=udfencrypt(@sname);

-> set new.name=@snameed

-> ;

-> set @snameed=null;

-> set @snamepd=null;

-> end;

-> //

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 'begin

set @snamepd=new.sname;

set @ed=udfencrypt(@sname);

set new.name=@sname...' at line 3

MariaDB [dbstk]>

MariaDB [dbstk]> drop trigger if exists trgins\_tblest;

-> ;

-> delimiter ;

-> Bye

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 13

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)]> use dbstk;

Database changed

MariaDB [dbstk]> drop trigger if exists trgins\_tblest;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1360 | Trigger does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> create or replace trigger trgins\_tblest

-> begin

-> set @snamepd=new.sname;

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 'begin

set @snamepd=new.sname' at line 2

MariaDB [dbstk]> drop trigger if exists trgins\_tblest;

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

MariaDB [dbstk]> show warnings;

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

| Level | Code | Message |

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

| Note | 1360 | Trigger does not exist |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create or replace trigger trgins\_tblest

-> begin

-> set @snamepd=new.sname;

-> set @ed=udfencrypt(@sname);

-> set new.name=@snameed

-> ;

-> set @snameed=null;

-> set @snamepd=null;

-> end;

-> //

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 'begin

set @snamepd=new.sname;

set @ed=udfencrypt(@sname);

set new.name=@sname...' at line 2

MariaDB [dbstk]>

MariaDB [dbstk]> select @dd;

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

| @dd |

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

| cool drink categories are coke 7up and pepsi |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> insert into tblest(ename,sal)values(udfencrypt('x2'),200000),(udfencrypt('x4'),400000);

Query OK, 2 rows affected (0.112 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [dbstk]> select \* from tblest;

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

| eid | ename | sal |

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

| 1001 | x5 | 100000.00 |

| 1002 | x3 | 500000.00 |

| 1003 | x1 | 300000.00 |

ΓÇ║ | 200000.00 |┼ôX├æ├ÿ C¶┬▓┬«7├¢├ì♫7┬º┬╛ΓÇ░

| 1005 | ↓ x┼ô[}<├è5├É!MA<├¼┬┐O├ÇcW1{├íu┬½├ä§┬╢├Ü┬╗ ΓÇÜ├ù ╦å | 400000.00 |

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

5 rows in set (0.000 sec)

MariaDB [dbstk]> select ename from tblest;

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

| ename |

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

| x5 |

| x3 |

| x1 |

ΓÇ║ |ío9├┐┼ôX├æ├ÿ C¶┬▓┬«7├¢├ì♫7┬º┬╛ΓÇ░

| ↓ x┼ô[}<├è5├É!MA<├¼┬┐O├ÇcW1{├íu┬½├ä§┬╢├Ü┬╗ ΓÇÜ├ù ╦å |

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

5 rows in set (0.000 sec)