# 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 s

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.037 sec)

MariaDB [(none)]> create database dbstk;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| dbstk |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.001 sec)

MariaDB [(none)]> use dbstk;

Database changed

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create procedure if not exists udpsum(x double,y double)

-> begin

-> select 'hello pl/sql object: procedure' as '';

-> end;

-> //

Query OK, 0 rows affected (0.129 sec)

MariaDB [dbstk]> delimiter ;

MariaDB [dbstk]> call udpsum(2,5);

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

| |

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

| hello pl/sql object: procedure |

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

1 row in set (0.001 sec)

Query OK, 0 rows affected (0.005 s

MariaDB [dbstk]> drop procedure if exists udpsum;

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

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create procedure if not exists udpsum(x double,y double)

-> begin

-> select 2+5 as 'addition';

-> end;

-> //

Query OK, 0 rows affected (0.400 sec)

MariaDB [dbstk]> delimiter ;

MariaDB [dbstk]> call udpsum(-5,-2);

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

| addition |

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

| 7 |

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

1 row in set (0.001 sec)

Query OK, 0 rows affected (0.003 sec)

MariaDB [dbstk]> call udpsum(-5,2);

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

| addition |

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

| 7 |

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

1 row in set (0.005 sec)

Query OK, 0 rows affected (0.005 sec)

MariaDB [dbstk]> drop function if exists udfdiv;

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

MariaDB [dbstk]> delimiter //

MariaDB [dbstk]> create function if not exists udfdiv(i double,j double)

-> returns double

-> begin

-> return i/j;

-> end;

-> //

Query OK, 0 rows affected (0.402 sec)

MariaDB [dbstk]> delimiter ;

MariaDB [dbstk]> select udfdiv(10,3);

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

| udfdiv(10,3) |

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

| 3.3333333333333335 |

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

1 row in set (0.001 sec)

MariaDB [dbstk]> select udfdiv(5,2),udfdiv(40,7),udfdiv(9,9);

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

| udfdiv(5,2) | udfdiv(40,7) | udfdiv(9,9) |

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

| 2.5 | 5.714285714285714 | 1 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select udfdiv(20,3) into @x;

Query OK, 1 row affected (0.000 sec)

MariaDB [dbstk]> select @x;

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

| @x |

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

| 6.666666666666667 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> set @y=udfdiv(25,5);

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> select @y;

+------+

| @y |

+------+

| 5 |

+------+

1 row in set (0.000 sec)

MariaDB [dbstk]> select udfdiv(10,3) as 'divide';

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

| divide |

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

| 3.3333333333333335 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select udfdiv(5,2)as 'divide',udfdiv(40,7),udfdiv(9,9);

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

| divide | udfdiv(40,7) | udfdiv(9,9) |

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

| 2.5 | 5.714285714285714 | 1 |

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

1 row in set (0.000 s)

MariaDB [dbstk]> et @pd='sunday is the first day of week';

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 'et @pd='sunday is the first day of week'' at line 1

MariaDB [dbstk]> set @pd='sunday is the first day of week';

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> select @pd;

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

| @pd |

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

| sunday is the first day of week |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select @pd as 'plain data';

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

| plain data |

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

| sunday is the first day of week |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select encode(@pd,'password1')into @x;

Query OK, 1 row affected (0.000 sec)

MariaDB [dbstk]> select @x;

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

| @x |

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

| pÖ╟ÅN╩►┼D░Φ♣<▌╦yY½Ö┬─MÉú\<╕ƒ[$7 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> select decode(@x,'password1')into @pd2;

Query OK, 1 row affected (0.000 sec)

MariaDB [dbstk]> select @pd2,@pd=@pd2;

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

| @pd2 | @pd=@pd2 |

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

| sunday is the first day of week | 1 |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> set @pd1='cofee is one of the category of hot drink';

Query OK, 0 rows affected (0.001 sec)

MariaDB [dbstk]> set @edaes=aes\_encrypt(@pd1,'hot.drink');

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> set

-> @ddaes=aes\_decrypt(@edaes,'cool.drink');

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> select @pd1,@edaes,@ddaes,@pd1=@ddaes;

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

| @pd1 | @edaes | @ddaes | @pd1=@ddaes |

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

| cofee is one of the category of hot drink | ]Jy+,Uƒ(╞ñº╚jf☺Vñ└¡q│º╬ΦÄ½#╫░▓ô≤%~µ§Nw▀↑Ä!♦1▒i< | NULL | NULL |

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

1 row in set (0.000 sec)

MariaDB [dbstk]> set @pd1='7up is one of the category of cool drink';

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> set @eddes=des

-> ;

ERROR 1054 (42S22): Unknown column 'des' in 'field list'

MariaDB [dbstk]> set @eddes=des\_encrypt(@pd1,'cool.drink');

Query OK, 0 rows affected (0.006 sec)

MariaDB [dbstk]> set @dddes=des\_decrypt(@eddes,'cool.drink');

Query OK, 0 rows affected (0.000 sec)

MariaDB [dbstk]> select @pd1,@eddes,@dddes,@pd1=@dddes;

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

| @pd1 | @eddes | @dddes | @pd1=@dddes |

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

| 7up is one of the category of cool drink |  Å≈S┬H ═ùHεKU;├█♦BW~╚Äìú◄√8C╗╗═Vv◄<áπ±)┐é+W;∞█~σ■ | 7up is one of the category of cool drink | 1 |

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

1 row in set (0.000 sec)