Setting environment for using XAMPP for Windows.

prabh@DESKTOP-5UPSKC7 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

Server version: 10.1.13-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show privlages:

-> ;

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 'privlages:' at line 1

MariaDB [csd2204w18]> SHOW PRIVILEGES;

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

| Privilege | Context | Comment |

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

| Alter | Tables | To alter the table |

| Alter routine | Functions,Procedures | To alter or drop stored functions/procedures |

| Create | Databases,Tables,Indexes | To create new databases and tables |

| Create routine | Databases | To use CREATE FUNCTION/PROCEDURE |

| Create temporary tables | Databases | To use CREATE TEMPORARY TABLE |

| Create view | Tables | To create new views |

| Create user | Server Admin | To create new users |

| Delete | Tables | To delete existing rows |

| Drop | Databases,Tables | To drop databases, tables, and views |

| Event | Server Admin | To create, alter, drop and execute events |

| Execute | Functions,Procedures | To execute stored routines |

| File | File access on server | To read and write files on the server |

| Grant option | Databases,Tables,Functions,Procedures | To give to other users those privileges you possess |

| Index | Tables | To create or drop indexes |

| Insert | Tables | To insert data into tables |

| Lock tables | Databases | To use LOCK TABLES (together with SELECT privilege) |

| Process | Server Admin | To view the plain text of currently executing queries |

| Proxy | Server Admin | To make proxy user possible |

| References | Databases,Tables | To have references on tables |

| Reload | Server Admin | To reload or refresh tables, logs and privileges |

| Replication client | Server Admin | To ask where the slave or master servers are |

| Replication slave | Server Admin | To read binary log events from the master |

| Select | Tables | To retrieve rows from table |

| Show databases | Server Admin | To see all databases with SHOW DATABASES |

| Show view | Tables | To see views with SHOW CREATE VIEW |

| Shutdown | Server Admin | To shut down the server |

| Super | Server Admin | To use KILL thread, SET GLOBAL, CHANGE MASTER, etc. |

| Trigger | Tables | To use triggers |

| Create tablespace | Server Admin | To create/alter/drop tablespaces |

| Update | Tables | To update existing rows |

| Usage | Server Admin | No privileges - allow connect only |

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

31 rows in set (0.00 sec)

MariaDB [csd2204w18]> DELIMITER $$ ;

MariaDB [csd2204w18]> show tables;

-> $$

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

| Tables\_in\_csd2204w18 |

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

| animals |

| c |

| c1 |

| citymaster |

| citypoint |

| client |

| countries |

| d10\_v1 |

| d10\_v8 |

| departments |

| employee |

| employees |

| has\_clearance |

| job\_history |

| jobs |

| locations |

| manu |

| movies |

| noname |

| p |

| package |

| person |

| pet |

| planet |

| prabh |

| products |

| regions |

| shipment |

| user |

| v1 |

| v4 |

| v5 |

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

32 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT VERSION();

-> $$

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

| VERSION() |

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

| 10.1.13-MariaDB |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> tee/applications/xampp/day12log.txt

-> tee /applications/xampp/day12log.txt

-> ;

-> -

-> ;

-> $$

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 'tee/applications/xampp/day12log.txt

tee /applications/xampp/day12log.txt

;

-' at line 1

MariaDB [csd2204w18]> tee /applications/xampp/day12log.txt

mysql: Can't create/write to file '/applications/xampp/day12log.txt' (Errcode: 2 "No such file or directory")

Error logging to file '/applications/xampp/day12log.txt'

MariaDB [csd2204w18]> tee /applications/xampp/day12log.txt

mysql: Can't create/write to file '/applications/xampp/day12log.txt' (Errcode: 2 "No such file or directory")

Error logging to file '/applications/xampp/day12log.txt'

MariaDB [csd2204w18]> tee /c:/xampp/day12log.txt

mysql: Can't create/write to file '/c:/xampp/day12log.txt' (Errcode: 22 "Invalid argument")

Error logging to file '/c:/xampp/day12log.txt'

MariaDB [csd2204w18]> tee c:/xampp/day12log.txt

Logging to file 'c:/xampp/day12log.txt'

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data() > SELECT \* FROM JOBS; $$

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 '> SELECT \* FROM JOBS' at line 1

MariaDB [csd2204w18]> create procedure job\_data()

-> $$

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 '' at line 1

MariaDB [csd2204w18]> create procedure job\_data();

-> $$

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 '' at line 1

MariaDB [csd2204w18]> create procedure job\_data()$$

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 '' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data()

-> $$

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 '' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data()$$

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 '' at line 1

MariaDB [csd2204w18]> DELIMITER $$ ;

MariaDB [csd2204w18]> ◦ CREATE PROCEDURE job\_data() > SELECT \* FROM JOBS; $$

Nothing found

Please try to run 'help contents' for a list of all accessible topics

MariaDB [csd2204w18]> DELIMITER $$ ;

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data()$$

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 '' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data

-> ;

-> $$

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 '' at line 1

MariaDB [csd2204w18]> show tables;

-> $$

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

| Tables\_in\_csd2204w18 |

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

| animals |

| c |

| c1 |

| citymaster |

| citypoint |

| client |

| countries |

| d10\_v1 |

| d10\_v8 |

| departments |

| employee |

| employees |

| has\_clearance |

| job\_history |

| jobs |

| locations |

| manu |

| movies |

| noname |

| p |

| package |

| person |

| pet |

| planet |

| prabh |

| products |

| regions |

| shipment |

| user |

| v1 |

| v4 |

| v5 |

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

32 rows in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data

-> select \* from jobs;

-> $$

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 'select \* from jobs' at line 2

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> CREATE PROCEDURE job\_data()

-> select \* from jobs;

-> $$

Query OK, 0 rows affected (0.02 sec)

MariaDB [csd2204w18]> CALL job\_data$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.01 sec)

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18]> SHOW CREATE PROCEDURE job\_data$$

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

| Procedure | sql\_mode | Create Procedure | character\_set\_client | collation\_connection | Database Collation |

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

| job\_data | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | CREATE DEFINER=`root`@`localhost` PROCEDURE `job\_data`()

select \* from jobs | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables()

-> BEGIN

-> DECLARE a INT DEFAULT 10;

-> DECLARE b, c INT;

-> SET a = a + 100;

-> SET b = 2;

-> SET c = a + b;

-> BEGIN

-> DECLARE c INT;

-> SET c = 5;

-> SELECT a, b, c;

-> END;

-> SELECT a, b, c;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL show\_procedure$$

ERROR 1305 (42000): PROCEDURE csd2204w18.show\_procedure does not exist

MariaDB [csd2204w18]> CALL proc\_Variables();

-> $$

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

| a | b | c |

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

| 110 | 2 | 5 |

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

1 row in set (0.00 sec)

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

| a | b | c |

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

| 110 | 2 | 112 |

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

1 row in set (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_User\_Variables()

-> BEGIN

-> SET @x = 15;

-> SET @y = 10;

-> SELECT @x, @y, @x-@y;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_User\_Variables();

-> $$

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

| @x | @y | @x-@y |

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

| 15 | 10 | 5 |

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

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> select @x;

-> $$

+------+

| @x |

+------+

| 15 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select @y;

-> $$

+------+

| @y |

+------+

| 10 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_IN(IN var1 INT)

-> BEGIN

-> SELECT \* FROM jobs LIMIT var1;

-> $$

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 '' at line 3

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_IN(IN var1 INT)

-> BEGIN

-> SELECT \* FROM jobs LIMIT var1;

-> END$$

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18]> ◦ CALL proc\_in(2)$$

Nothing found

Please try to run 'help contents' for a list of all accessible topics

MariaDB [csd2204w18]> CALL proc\_in(2)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

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

2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_in(3)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

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

3 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_in(5)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

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

5 rows in set (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

MariaDB [csd2204w18]> select \* from jobs;

-> $$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

MariaDB [csd2204w18]> CALL proc\_in(10)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

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

10 rows in set (0.00 sec)

Query OK, 0 rows affected (0.06 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE my\_proc\_OUT (OUT highest\_salary INT)

-> BEGIN

-> SELECT MAX(MAX\_SALARY) INTO highest\_salary FROM

-> JOBS;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> call procedure my\_proc\_out(@m);

-> $$

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 'procedure my\_proc\_out(@m)' at line 1

MariaDB [csd2204w18]> call my\_proc\_out(@m);

-> $$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> select @m

-> $$

+-------+

| @m |

+-------+

| 40000 |

+-------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_INOUT (INOUT maxsalary INT, IN desig

-> CHAR(30))

-> BEGIN

-> SELECT MAX\_SALARY INTO maxsalary FROM jobs WHERE

-> JOB\_TITLE = desig;

-> end$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> create procedure job\_search(

-> IN salary int

-> begin

-> select \* from jobs where min\_salary > salary;

-> 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

select \* from jobs where min\_salary > salary;

end' at line 3

MariaDB [csd2204w18]> create procedure job\_search(in salary int)

-> begin

-> select \* from jobs where min\_salary > salary;

-> end$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> call job\_search(1000

-> )$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

Query OK, 0 rows affected (0.12 sec)

MariaDB [csd2204w18]> call job\_search(1000)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

Query OK, 0 rows affected (0.08 sec)

MariaDB [csd2204w18]> call job\_search(1000)$$CREATE PROCEDURE proc\_INOUT (INOUT maxsalary INT, IN desig

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

Query OK, 0 rows affected (0.10 sec)

-> CHAR(30))

-> BEGIN

-> SELECT MAX\_SALARY INTO maxsalary FROM jobs WHERE

-> JOB\_TITLE = desig;

-> ;

-> $$

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 '' at line 5

MariaDB [csd2204w18]> call job\_search(10000)$$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

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

2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> create procedure job\_search(in salary int, out cntemp int)

-> begin

-> select count(\*) into cntemp from jobs where max\_salary > salary;

-> end$$

ERROR 1304 (42000): PROCEDURE job\_search already exists

MariaDB [csd2204w18]> create procedure job\_search1(in salary int, out cntemp int)

-> begin

-> select count(\*) into cntemp from jobs where max\_salary > salary;

-> end$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> call job\_search1(5000)$$

ERROR 1318 (42000): Incorrect number of arguments for PROCEDURE csd2204w18.job\_search1; expected 2, got 1

MariaDB [csd2204w18]> call job\_search1(5000,@e)$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> select @e$$

+------+

| @e |

+------+

| 18 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_INOUT (INOUT maxsalary INT, IN desig

-> CHAR(30))

-> BEGIN

-> SELECT MAX\_SALARY INTO maxsalary FROM jobs WHERE

-> JOB\_TITLE = desig;

-> END$$

ERROR 1304 (42000): PROCEDURE proc\_INOUT already exists

MariaDB [csd2204w18]> CALL proc\_INOUT(@C,'Stock Clerk')$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @C$$

+------+

| @C |

+------+

| 5000 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_INOUT (INOUT maxsalary INT, IN desig

-> CHAR(30))

-> BEGIN

-> SELECT MAX\_SALARY INTO maxsalary FROM jobs WHERE

-> JOB\_TITLE = desig;

-> END$$

ERROR 1304 (42000): PROCEDURE proc\_INOUT already exists

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Compare\_Salary(IN desig CHAR(30))

-> BEGIN

-> DECLARE progSal INT;

-> DECLARE presSal INT;

-> SELECT MIN\_SALARY INTO progSal FROM jobs WHERE JOB\_TITLE = desig;

-> SELECT MIN\_SALARY INTO presSal FROM jobs WHERE JOB\_TITLE = 'president';

-> SET presSal = presSal /2;

-> SELECT presSal;

-> SELECT progSal;

-> IF (progSal < presSal)

-> THEN

-> SELECT 'You need an increment.';

-> ELSEIF (progSal = presSal)

-> THEN

-> SELECT 'Salary is moderate';

-> ELSE

-> SELECT 'You are earning good';

-> END IF;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_Compare\_Salary('Programmer')$$

+---------+

| presSal |

+---------+

| 10000 |

+---------+

1 row in set (0.00 sec)

+---------+

| progSal |

+---------+

| 4000 |

+---------+

1 row in set (0.01 sec)

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

| You need an increment. |

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

| You need an increment. |

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

1 row in set (0.02 sec)

Query OK, 0 rows affected (0.03 sec)

MariaDB [csd2204w18]> select \* from jobs;

-> $$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

| FI\_ACCOUNT | Accountant | 4200 | 9000 |

| AC\_MGR | Accounting Manager | 8200 | 16000 |

| AC\_ACCOUNT | Public Accountant | 4200 | 9000 |

| SA\_MAN | Sales Manager | 10000 | 20000 |

| SA\_REP | Sales Representative | 6000 | 12000 |

| PU\_MAN | Purchasing Manager | 8000 | 15000 |

| PU\_CLERK | Purchasing Clerk | 2500 | 5500 |

| ST\_MAN | Stock Manager | 5500 | 8500 |

| ST\_CLERK | Stock Clerk | 2000 | 5000 |

| SH\_CLERK | Shipping Clerk | 2500 | 5500 |

| IT\_PROG | Programmer | 4000 | 10000 |

| MK\_MAN | Marketing Manager | 9000 | 15000 |

| MK\_REP | Marketing Representative | 4000 | 9000 |

| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Case (INOUT no\_employees INT, IN

-> salary INT)

-> BEGIN

-> CASE

-> WHEN (salary>10000)

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM

-> jobs WHERE min\_salary>10000);

-> WHEN (salary<10000)

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM

-> jobs WHERE min\_salary<10000);

-> ELSE (SELECT COUNT(job\_id) INTO no\_employees FROM jobs

-> WHERE min\_salary=10000);

-> END CASE;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_Case(@C,10001)$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @C$$

+------+

| @C |

+------+

| 2 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CALL proc\_Case(@C,9999)$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @C$$

+------+

| @C |

+------+

| 16 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CALL proc\_Case(@C,10000)$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @C$$

+------+

| @C |

+------+

| 1 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_LOOP (IN num INT)

-> BEGIN

-> DECLARE x INT;

-> SET x = 0;

-> loop\_label: LOOP

-> INSERT INTO number VALUES (rand());

-> SET x = x + 1;

-> IF x >= num

-> THEN LEAVE loop\_label;

-> END IF;

-> END LOOP;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> create table numbers (

-> n1 float(5,2);

-> $$

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 '' at line 2

MariaDB [csd2204w18]> create table numbers (

-> n1 float(5,2));

-> $$

Query OK, 0 rows affected (0.04 sec)

MariaDB [csd2204w18]> drop table numbers;$$

Query OK, 0 rows affected (0.04 sec)

MariaDB [csd2204w18]> create table number (

-> n1 float(5,2));

-> $$

Query OK, 0 rows affected (0.03 sec)

MariaDB [csd2204w18]> CALL proc\_LOOP(3)$$

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> select \* from number$$

+------+

| n1 |

+------+

| 0.93 |

| 0.72 |

| 0.83 |

+------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_REPEAT (IN n INT)

-> BEGIN

-> SET @sum = 0;

-> SET @x = 1;

-> REPEAT

-> IF mod(@x, 2) = 0

-> THEN SET @sum = @sum + @x;

-> END IF;

-> SET @x = @x + 1;

-> UNTIL @x > n

-> END REPEAT;

-> END $$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL proc\_REPEAT(5)$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @sum$$

+------+

| @sum |

+------+

| 6 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_WHILE(IN n INT)

-> BEGIN

-> SET @sum = 0;

-> SET @x = 1;

-> WHILE @x<n

-> DO

-> IF mod(@x, 2) <> 0

-> THEN SET @sum = @sum + @x;

-> END IF;

-> SET @x = @x + 1;

-> END WHILE;

-> END$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> CALL proc\_WHILE(5)$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @sum$$

+------+

| @sum |

+------+

| 4 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CALL my\_proc\_WHILE(10)$$

ERROR 1305 (42000): PROCEDURE csd2204w18.my\_proc\_WHILE does not exist

MariaDB [csd2204w18]> CALL proc\_WHILE(10)$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @sum$$

+------+

| @sum |

+------+

| 25 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> exit

Bye

prabh@DESKTOP-5UPSKC7 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 3

Server version: 10.1.13-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> DELIMITER $$

MariaDB [csd2204w18]> select \* from jons;

-> $4

-> $$

ERROR 1146 (42S02): Table 'csd2204w18.jons' doesn't exist

MariaDB [csd2204w18]> select \* from jobs;

-> $$

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

| JOB\_ID | JOB\_TITLE | MIN\_SALARY | MAX\_SALARY |

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

| AD\_PRES | President | 20000 | 40000 |

| AD\_VP | Administration Vice President | 15000 | 30000 |

| AD\_ASST | Administration Assistant | 3000 | 6000 |

| FI\_MGR | Finance Manager | 8200 | 16000 |

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| SA\_MAN | Sales Manager | 10000 | 20000 |

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| HR\_REP | Human Resources Representative | 4000 | 9000 |

| PR\_REP | Public Relations Representative | 4500 | 10500 |

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

19 rows in set (0.00 sec)

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_cursors(INOUT return\_val INT)

-> BEGIN

-> DECLARE a,b INT;

-> DECLARE cur\_1 CURSOR FOR SELECT max\_salary FROM jobs;

-> DECLARE CONTINUE HANDLER FOR NOT FOUND SET b = 1;

-> OPEN cur\_1;

-> REPEAT

-> FETCH cur\_1 INTO a;

-> UNTIL b = 1

-> END REPEAT;

-> CLOSE cur\_1;

-> SET return\_val = a;

-> END$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> CALL proc\_cursors(@R)$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> SELECT @R$$

+-------+

| @R |

+-------+

| 10500 |

+-------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> CREATE OR REPLACE PROCEDURE testError()

-> BEGIN

-> DECLARE CONTINUE HANDLER FOR SQLEXCEPTION SELECT 'Error

'> occured';

-> INSERT INTO csd2204w18.customer(customer\_id,cust\_name)

-> VALUES(3001,"test");

-> SELECT \*FROM test.customer;

-> END$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> CALL testError()$$

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

| Error

occured |

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

| Error

occured |

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

1 row in set (0.00 sec)

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

| Error

occured |

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

| Error

occured |

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

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> CREATE OR REPLACE PROCEDURE testError()

-> BEGIN

-> DECLARE EXIT HANDLER FOR SQLEXCEPTION SELECT 'Error

'> occured';

-> INSERT INTO csd2204w18.customer(customer\_id,cust\_name)

-> VALUES(3001,"test");

-> SELECT \*FROM test.customer;

-> END$$

Query OK, 0 rows affected (0.01 sec)

MariaDB [csd2204w18]> CALL testError()$$

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

| Error

occured |

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

| Error

occured |

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

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

MariaDB [csd2204w18]>