Last login: Tue Jan 23 08:18:50 on console

/usr/bin/clear; ssh -i '/Users/admin/.bitnami/stackman/machines/xampp/ssh/id\_rsa' -o StrictHostKeyChecking=no 'root@192.168.64.2'

users-MacBook-Pro:~ admin$ /usr/bin/clear; ssh -i '/Users/admin/.bitnami/stackman/machines/xampp/ssh/id\_rsa' -o StrictHostKeyChecking=no 'root@192.168.64.2'

Linux debian 4.9.0-5-amd64 #1 SMP Debian 4.9.65-3+deb9u2 (2018-01-04) x86\_64

The programs included with the Debian GNU/Linux system are free software;

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/\*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent

permitted by applicable law.

root@debian:~# mysql -u root -p

Enter password:

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

**Your MariaDB connection id is 3**

**Server version: 10.1.30-MariaDB Source distribution**

**Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.**

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

MariaDB [(none)]> tee /Users/admin/Downloads/day11log.txt

mysql: Can't create/write to file '/Users/admin/Downloads/day11log.txt' (Errcode: 2 "No such file or directory")

Error logging to file '/Users/admin/Downloads/day11log.txt'

MariaDB [(none)]> tee \Users\admin\Downloads\day11log.txt

Logging to file '\Users\admin\Downloads\day11log.txt'

MariaDB [(none)]> create procedure job\_data

-> ()

-> select \* from jobs;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> use csd2204w18;

**Database changed**

MariaDB [csd2204w18]> create procedure job\_data

-> ()

-> select \* from jobs;

**Query OK, 0 rows affected (0.04 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 | latin1 | latin1\_swedish\_ci | latin1\_swedish\_ci |

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

**1 row in set (0.00 sec)**

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

-> begin

-> declare a int deafult(10

-> )

-> declare b,c int

-> ;

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 '$$CREATE PROCEDURE proc\_Variables()

begin

declare a int deafult(10

)

declare b,c' at line 1

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

-> begin

-> declare a int deafult 10;

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 '$$CREATE PROCEDURE proc\_Variables()

begin

declare a int deafult 10' at line 1

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

-> begin

-> declare a int deafult(10);

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 '$$CREATE PROCEDURE proc\_Variables()

begin

declare a int deafult(10)' at line 1

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

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 '$$CREATE PROCEDURE proc\_Variables()' at line 1

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

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 '$$ CREATE PROCEDURE proc\_Variables()' at line 1

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

-> begin

-> declare a int default 10:

-> ;

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 '$$ CREATE PROCEDURE proc\_Variables()

begin

declare a int default 10:' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() begin declare a int default 10;

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 proc\_Variables()

-> begin

->

->

->

-> declare a int default 10;

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 6

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

-> BEGIN

-> DECLARE a INT DEFAULT 10;

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]> CREATEPROCEDURE proc\_Variables() BEGIN DECLARE a INT DEFAULT 10;

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 'CREATEPROCEDURE proc\_Variables() BEGIN DECLARE a INT DEFAULT 10' at line 1

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

-> BEGIN

-> DECLARE a INT default 10;

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]> delimiter $$

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() BEGIN DECLARE a INT default 10;

-> declare b,c;

-> 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$$

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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

declare c int;

set c=5;

select a,b,c;

e' at line 2

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() BEGIN DECLARE a INT default 10; declare b,c; 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$$

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 '; set a=a+100; set b=2; set c=a+b; begin declare c int; set c=5; select a,b,c; e' at line 1

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b,c;

-> 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$$

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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

declare c int;

' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b,c;

-> 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$$

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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

declare c INT;

' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b,c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> begin

-> declare d INT;

-> set c=5;

-> select a,b,c;

-> end;

-> select a,b,c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

declare d INT;

' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b, c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> begin

-> declare d INT;

-> set c=5;

-> select a,b,c;

-> end;

-> select a,b,c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

declare d INT;

' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b, c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> begin

->

-> set c=5;

-> select a,b,c;

-> end;

-> select a,b,c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

begin

set c=5;

s' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b, c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> BEGIN

-> declare d INT;

-> set c=5;

-> select a,b,c;

-> end;

-> select a,b,c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

BEGIN

declare d INT;

' at line 4

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 (0.00 sec)**

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b, c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> BEGIN

-> declare d INT;

-> set c=5;

-> select a, b, c;

-> end;

-> select a, b, c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

BEGIN

declare d INT;

' at line 4

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

-> BEGIN

-> DECLARE a INT default 10;

-> declare b, c;

-> set a=a+100;

-> set b=2;

-> set c=a+b;

-> BEGIN

-> declare d INT;

-> set c=5;

-> select a, b, c;

-> end;

-> select a, b, c;

-> 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 ';

set a=a+100;

set b=2;

set c=a+b;

BEGIN

declare d INT;

' at line 4

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() BEGIN DECLARE a INT DEFAULT 10; DECLARE b, c; set a=a+100; SET b=2; SET c=a+b; BEGIN DECLARE d INT; SET c=5; SELECT a, b, c; END; SELECT a, b, c; 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 '; set a=a+100; SET b=2; SET c=a+b; BEGIN DECLARE d INT; ' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() BEGIN DECLARE a INT DEFAULT 10; DECLARE b, c; SET a=a+100; SET b=2; SET c=a+b; BEGIN DECLARE d INT; SET c=5; SELECT a, b, c; END; SELECT a, b, c; 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 '; SET a=a+100; SET b=2; SET c=a+b; BEGIN DECLARE d INT; ' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Variables() BEGIN DECLARE a INT DEFAULT 10; DECLARE b, c; 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$$

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 '; SET a=a+100; SET b=2; SET c=a+b; BEGIN DECLARE c INT; ' at line 1

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 (0.03 sec)**

MariaDB [csd2204w18]> CALL my\_proc\_OUT(@M)$$SELECT @M$$

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

+------+

| @M |

+------+

| NULL |

+------+

**1 row in set (0.00 sec)**

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

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 '10000)' at line 1

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

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 '10000)' at line 1

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

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 '10000)' at line 1

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 (0.01 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, 3 warnings (0.04 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]> call proc\_inout(@C,'Stock SELECT @C$$Clerk')$$

**Query OK, 0 rows affected, 1 warning (0.00 sec)**

MariaDB [csd2204w18]> call proc\_inout(@C,'Stock')$$

**Query OK, 0 rows affected, 1 warning (0.00 sec)**

MariaDB [csd2204w18]> SELECT @C$$

+------+

| @C |

+------+

| NULL |

+------+

**1 row in set (0.00 sec)**

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 (0.00 sec)**

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

+---------+

| presSal |

+---------+

| 10000 |

+---------+

**1 row in set (0.00 sec)**

+---------+

| progSal |

+---------+

| 4000 |

+---------+

**1 row in set (0.00 sec)**

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

| You need an increment. |

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

| You need an increment. |

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

**1 row in set (0.00 sec)**

**Query OK, 0 rows affected (0.00 sec)**

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

-> salary INT) BEGIN

-> CASE

-> WHEN (salary>10000)

-> jobs jobs

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>10000);

-> WHEN (salary<10000)

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary<10000);

-> ELSE (SELECT COUNT(job\_id) INTO no\_employees FROM jobs WHERE min\_salary=10000);

-> END CASE; 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 'jobs jobs

THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>100' at line 5

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_Case (INOUT no\_employees INT, IN salary INT) BEGIN CASE WHEN (salary>10000) jobs jobs THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>10000); WHEN (salary<10000) THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary<10000); ELSE (SELECT COUNT(job\_id) INTO no\_employees FROM jobs WHERE min\_salary=10000); END CASE; 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 'jobs jobs THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>100' at line 1

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

-> salary INT) BEGIN

-> CASE

-> WHEN (salary>10000)

-> jobs jobs

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>10000);

-> WHEN (salary<10000)

-> THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary<10000);

-> ELSE (SELECT COUNT(job\_id) INTO no\_employees FROM jobs WHERE min\_salary=10000);

-> END CASE; 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 'jobs jobs

THEN (SELECT COUNT(job\_id) INTO no\_employees FROM WHERE min\_salary>100' at line 5

MariaDB [csd2204w18]> CREATEPROCEDUREproc\_LOOP(INnumINT)

-> 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$$

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 'CREATEPROCEDUREproc\_LOOP(INnumINT)

BEGIN

DECLARE x INT;

SET x = 0; loop\_label: L' at line 1

MariaDB [csd2204w18]> CREATEPROCEDUREproc\_LOOP(INnumINT)

-> 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$$

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 'CREATEPROCEDUREproc\_LOOP(INnumINT)

BEGIN

DECLARE x INT;

SET x = 0; loop\_label: L' at line 1

MariaDB [csd2204w18]> CREATE PROCEDURE proc\_LOOP(INnumINT) 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$$

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 DECLARE x INT; SET x = 0; loop\_label: LOOP INSERT INTO number VALUES (ra' at line 1

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 (0.00 sec)**

MariaDB [csd2204w18]> CALLproc\_LOOP(3)$$

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 'CALLproc\_LOOP(3)' at line 1

MariaDB [csd2204w18]> create table munber(n1 float(5,2));

-> $$

**Query OK, 0 rows affected (0.01 sec)**

MariaDB [csd2204w18]> CALLproc\_LOOP(3)$$

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 'CALLproc\_LOOP(3)' at line 1

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

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

MariaDB [csd2204w18]> create table number(n1 float(5,2));

-> $$

**Query OK, 0 rows affected (0.01 sec)**

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

**Query OK, 1 row affected (0.01 sec)**

MariaDB [csd2204w18]> CREATEPROCEDUREproc\_REPEAT(INnINT)

-> 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 $$

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 'CREATEPROCEDUREproc\_REPEAT(INnINT)

BEGIN

SET @sum = 0;

SET @x = 1; REPEAT

IF mod' at line 1

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]> CALLproc\_REPEAT(5)$$

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 'CALLproc\_REPEAT(5)' at line 1

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 (0.01 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]> show tables;

-> $$

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

| Tables\_in\_csd2204w18 |

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

| Products |

| ac\_mast |

| animals |

| countries |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| munber |

| number |

| pet |

| regions |

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

**14 rows in set (0.00 sec)**

MariaDB [csd2204w18]> desc ac\_mast;$$

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

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

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

| ac\_type | varchar(3) | NO | PRI | NULL | |

| ac\_no | int(4) | YES | | NULL | |

| cust\_no | int(5) | YES | | NULL | |

| bal | int(10) | YES | | NULL | |

| od\_limit | int(10) | YES | | NULL | |

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

**5 rows in set (0.02 sec)**

MariaDB [csd2204w18]> drop table ac\_mast;

-> $$

**Query OK, 0 rows affected (0.08 sec)**

MariaDB [csd2204w18]> desc ac\_mast;$$

ERROR 1146 (42S02): Table 'csd2204w18.ac\_mast' doesn't exist

MariaDB [csd2204w18]> create table ac\_mast(

-> ac\_type varchar(3),

-> ac\_no int(4),

-> cust\_no int(5),

-> bal float(10,2,)

-> od\_limit float(10,2),

-> constraint am\_ac\_must primary key (ac\_type,ac\_no);

-> $$

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 ')

od\_limit float(10,2),

constraint am\_ac\_must primary key (ac\_type,ac\_no)' at line 5

MariaDB [csd2204w18]> create table ac\_mast( ac\_type varchar(3), ac\_no int(4), cust\_no int(5), bal float(10,2), od\_limit float(10,2), constraint am\_ac\_must primary key (ac\_type,ac\_no);$$

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 table ac\_mast( ac\_type varchar(3), ac\_no int(4), cust\_no int(5), bal float(10,2), od\_limit float(10,2), constraint am\_ac\_must primary key (ac\_type,ac\_no));$$

**Query OK, 0 rows affected (0.01 sec)**

MariaDB [csd2204w18]> desc ac\_must;

-> $$

ERROR 1146 (42S02): Table 'csd2204w18.ac\_must' doesn't exist

MariaDB [csd2204w18]> desc ac\_mast;

-> $$

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

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

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

| ac\_type | varchar(3) | NO | PRI | NULL | |

| ac\_no | int(4) | NO | PRI | NULL | |

| cust\_no | int(5) | YES | | NULL | |

| bal | float(10,2) | YES | | NULL | |

| od\_limit | float(10,2) | YES | | NULL | |

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

**5 rows in set (0.00 sec)**

MariaDB [csd2204w18]> create table ac\_mast( cust\_no int(5), name varchar(50), addr1 varchar(50), addr2 varchar(50), addr3 varchar(50), city varchar(30), state varchar(20), primary key (cust\_no));$$

ERROR 1050 (42S01): Table 'ac\_mast' already exists

MariaDB [csd2204w18]> create table cust\_mast( cust\_no int(5), name varchar(50), addr1 varchar(50), addr2 varchar(50), addr3 varchar(50), city varchar(30), state varchar(20), primary key (cust\_no));$$

**Query OK, 0 rows affected (0.01 sec)**

MariaDB [csd2204w18]> create table trans( ac\_type varchar(3), ac\_no int(4), tdate date, counter int(2), amount float(10,2), desc varchar(20),constraint am\_ac\_must primary key (ac\_type,ac\_no));$$

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 'desc varchar(20),constraint am\_ac\_must primary key (ac\_type,ac\_no))' at line 1

MariaDB [csd2204w18]> create table trans( ac\_type varchar(3), ac\_no int(4), tdate date, counter int(2), amount float(10,2), desc varchar(20),constraint tr\_trans primary key (ac\_type,ac\_no,tdate));$$

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 'desc varchar(20),constraint tr\_trans primary key (ac\_type,ac\_no,tdate))' at line 1

MariaDB [csd2204w18]> create table trans( ac\_type varchar(3), ac\_no int(4), tdate date, counter int(2), amount float(10,2), desc varchar(20),constraint tr\_trans primary key (ac\_type,ac\_no,tdate));

-> $$

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 'desc varchar(20),constraint tr\_trans primary key (ac\_type,ac\_no,tdate))' at line 1

MariaDB [csd2204w18]> create table trans( ac\_type varchar(3), ac\_no int(4), tdate date, counter int(2), amount float(10,2), descr varchar(20),constraint tr\_trans primary key (ac\_type,ac\_no,tdate));

-> $$

**Query OK, 0 rows affected (0.01 sec)**

MariaDB [csd2204w18]> desc trans;

-> $$

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

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

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

| ac\_type | varchar(3) | NO | PRI | NULL | |

| ac\_no | int(4) | NO | PRI | NULL | |

| tdate | date | NO | PRI | NULL | |

| counter | int(2) | YES | | NULL | |

| amount | float(10,2) | YES | | NULL | |

| descr | varchar(20) | YES | | NULL | |

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

**6 rows in set (0.01 sec)**

MariaDB [csd2204w18]> desc cust\_mast;

-> $$

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

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

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

| cust\_no | int(5) | NO | PRI | NULL | |

| name | varchar(50) | YES | | NULL | |

| addr1 | varchar(50) | YES | | NULL | |

| addr2 | varchar(50) | YES | | NULL | |

| addr3 | varchar(50) | YES | | NULL | |

| city | varchar(30) | YES | | NULL | |

| state | varchar(20) | YES | | NULL | |

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

**7 rows in set (0.00 sec)**

MariaDB [csd2204w18]> Ctrl-C -- exit!

**Aborted**

root@debian:~# mysql -u root -p

Enter password:

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

**Your MariaDB connection id is 4**

**Server version: 10.1.30-MariaDB Source distribution**

**Copyright (c) 2000, 2017, 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 tables

-> ;

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

| Tables\_in\_csd2204w18 |

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

| Products |

| ac\_mast |

| animals |

| countries |

| cust\_mast |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| munber |

| number |

| pet |

| regions |

| trans |

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

**16 rows in set (0.00 sec)**

MariaDB [csd2204w18]> create table dept( dno int(3), name varchar(50), loc varchar(20), primary key (dno));

**Query OK, 0 rows affected (0.02 sec)**

MariaDB [csd2204w18]> desc dept;

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

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

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

| dno | int(3) | NO | PRI | NULL | |

| name | varchar(50) | YES | | NULL | |

| loc | varchar(20) | YES | | NULL | |

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

**3 rows in set (0.00 sec)**

MariaDB [csd2204w18]> delimar$$

-> ;

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 'delimar$$' at line 1

MariaDB [csd2204w18]> delimiter$$

-> ;

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 'delimiter$$' at line 1

MariaDB [csd2204w18]> delimiter $$

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 (0.01 sec)**

MariaDB [csd2204w18]> desc proc\_cursors;

-> $$

ERROR 1146 (42S02): Table 'csd2204w18.proc\_cursors' doesn't exist

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

-> DECLARE CONTINUE HANDLER FOR SQLEXCEPTION SELECT 'Error occured';

-> INSERT INTO test.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)**

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

| 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 test.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)**

**Query OK, 0 rows affected (0.00 sec)**

MariaDB [csd2204w18]> Ctrl-C -- exit!

**Aborted**

root@debian:~# mysqldum -u root -p csd2204w18>day11.sql

-bash: mysqldum: command not found

root@debian:~# mysqldump -u root -p csd2204w18>day11.sql

Enter password:

root@debian:~#