Setting environment for using XAMPP for Windows.

727012@128-IMAC18 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: 10.1.21-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)]> create database csd2204w18DB;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204w18DB;

Database changed

MariaDB [csd2204w18DB]> show tables;

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| d10\_v1 |

| d10\_v2 |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| number |

| numbers |

| pet |

| products |

| regions |

| v1\_today |

| v\_today |

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

17 rows in set (0.00 sec)

MariaDB [csd2204w18DB]> show tables;

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| d10\_v1 |

| d10\_v2 |

| departments |

| emp\_details |

| employees |

| job\_history |

| jobs |

| locations |

| log\_emp\_details |

| log\_emp\_details\_update |

| manu |

| number |

| numbers |

| pet |

| price\_logs |

| products |

| regions |

| stud\_marks |

| user\_change\_logs |

| v1\_today |

| v\_today |

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

23 rows in set (0.02 sec)

MariaDB [csd2204w18DB]> tee c:\xampp\day13Log.txt;

ERROR: Unknown command '\x'.

-> ;

-> $$

-> \c

MariaDB [csd2204w18DB]> tee c:\xampp\Day13Log.txt

Logging to file 'c:\xampp\Day13Log.txt'

MariaDB [csd2204w18DB]> show triggers from csd2204w18db;

-> \c

MariaDB [csd2204w18DB]> show triggers from csd2204w18db

-> \c

MariaDB [csd2204w18DB]> show triggers from csd2204w18;

-> ;

-> \c

MariaDB [csd2204w18DB]> CREATE TRIGGER ins\_sum

-> BEFORE INSERT ON NUMBER

-> FOR EACH ROW SET @sum = @sum + NEW.amount;

-> $$

-> $$

-> ;

-> \c

MariaDB [csd2204w18DB]> show tables;

-> $$

-> \c

MariaDB [csd2204w18DB]> exit

Bye

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 37

Server version: 10.1.21-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)]> show databases;

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

| Database |

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

| csd2204w18db |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18db;

Database changed

MariaDB [csd2204w18db]> show triggers from csd2204w18;

ERROR 1049 (42000): Unknown database 'csd2204w18'

MariaDB [csd2204w18db]> show triggers from csd2204w18db;

Empty set (0.02 sec)

MariaDB [csd2204w18db]> CREATE TRIGGER ins\_sum

-> BEFORE INSERT ON NUMBER

-> FOR EACH ROW SET @sum = @sum + NEW.amount;

ERROR 1054 (42S22): Unknown column 'amount' in 'NEW'

MariaDB [csd2204w18db]> CREATE TRIGGER ins\_sum

-> BEFORE INSERT ON NUMBER

-> FOR EACH ROW SET @sum = NEW.n1;

Query OK, 0 rows affected (0.23 sec)

MariaDB [csd2204w18db]> select \*from number;

+------+

| n1 |

+------+

| 0.09 |

| 0.08 |

| 0.12 |

+------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18db]> show triggers from csd2204w18db;

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

| Trigger | Event | Table | Statement | Timing | Created | sql\_mode | Definer | character\_set\_client | collation\_connection | Database Collation |

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

| ins\_sum | INSERT | number | SET @sum = NEW.n1 | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

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

1 row in set (0.01 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| NULL |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> select @ins\_sum;

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

| @ins\_sum |

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

| NULL |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> insert into number values(4);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18db]> insert into number values(5);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| 5 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> insert into number values(9);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| 9 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> CREATE TRIGGER inst\_sum

-> BEFORE INSERT ON number

-> FOR EACH ROW SET @sum = NEW.n1;

ERROR 1235 (42000): This version of MariaDB doesn't yet support 'multiple triggers with the same action time and event for one table'

MariaDB [csd2204w18db]> show trigger from csd2204w18db;

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 'trigger from csd2204w18db' at line 1

MariaDB [csd2204w18db]> show triggers from csd2204w18db;

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

| Trigger | Event | Table | Statement | Timing | Created | sql\_mode | Definer | character\_set\_client | collation\_connection | Database Collation |

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

| ins\_sum | INSERT | number | SET @sum = NEW.n1 | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

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

1 row in set (0.02 sec)

MariaDB [csd2204w18db]> insert into number values(12);

Query OK, 1 row affected, 1 warning (0.08 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| 9.99 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> insert into number values(10);

Query OK, 1 row affected, 1 warning (0.05 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| 9.99 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> insert into number values(6);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18db]> select @sum;

+------+

| @sum |

+------+

| 6 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> desc number;

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

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

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

| n1 | double(3,2) | YES | | NULL | |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> CREATE

-> TRIGGER `csd2204w18`.`emp\_details\_AINS`

-> AFTER INSERT ON `csd2204w18`.`emp\_details`

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

-> NEW.salary, NOW());

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 7

MariaDB [csd2204w18db]> create TRIGGER `csd2204w18`.`emp\_details\_AINS`

-> AFTER INSERT ON `csd2204w18`.`emp\_details`

-> for each row

-> BEGIN

-> INSERT INTO log\_emp\_details values(New.employee\_id,New.salary,NOW());

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 [csd2204w18db]> delimiter $$

MariaDB [csd2204w18db]> CREATE

-> TRIGGER `csd2204w18`.`emp\_details\_AINS`

-> AFTER INSERT ON `csd2204w18`.`emp\_details`

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

-> NEW.salary, NOW());

-> END$$

ERROR 1146 (42S02): Table 'csd2204w18.emp\_details' doesn't exist

MariaDB [csd2204w18db]> CREATE

-> TRIGGER `csd2204w18db`.`emp\_details\_AINS`

-> AFTER INSERT ON `csd2204w18`.`emp\_details`

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

-> NEW.salary, NOW());

-> END$$

ERROR 1146 (42S02): Table 'csd2204w18.emp\_details' doesn't exist

MariaDB [csd2204w18db]> CREATE

-> TRIGGER `csd2204w18db`.`emp\_details\_AINS`

-> AFTER INSERT ON `csd2204w18db`.`emp\_details`

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

-> NEW.salary, NOW());

-> END$$

Query OK, 0 rows affected (0.13 sec)

MariaDB [csd2204w18db]> select \*from log\_emp\_details;

-> $$

Empty set (0.00 sec)

MariaDB [csd2204w18db]> NSERT INTO emp\_details VALUES(236, 'RABI', 'CHANDRA',

-> 'RABI','123.34.45700', '2013-01-12', 'AD\_VP', 15000, 0.5)$$

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 'NSERT INTO emp\_details VALUES(236, 'RABI', 'CHANDRA',

'RABI','123.34.45700', '20' at line 1

MariaDB [csd2204w18db]> INSERT INTO emp\_details VALUES(236, 'RABI', 'CHANDRA',

-> 'RABI','123.34.45700', '2013-01-12', 'AD\_VP', 15000, 0.5)$$

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18db]> SELECT \* FROM log\_emp\_details$$

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

| EMPLOYEE\_ID | SALARY | EDTTIME |

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

| 236 | 15000.00 | 2018-01-24 08:43:59 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> create

-> TRIGGER `csd2204w18db`.`number\_more`

-> $$

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 [csd2204w18db]> CREATE TRIGGER more\_number

-> BEFORE INSERT ON NUMBER

-> FOR EACH ROW SET if New.n1 > 10

-> INSERT INTO number values(New.n1);

-> 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 'if New.n1 > 10

INSERT INTO number values(New.n1);

END' at line 3

MariaDB [csd2204w18db]> CREATE or REPLACE TRIGGER `emp\_details\_BINS`

-> BEFORE INSERT ON emp\_details

-> for each ROW

-> BEGIN

-> SET NEW.FIRST\_NAME = TRIM(NEW.FIRST\_NAME);

-> SET NEW.LAST\_NAME = TRIM(NEW.LAST\_NAME);

-> SET NEW.JOB\_ID = UPPER(NEW.JOB\_ID);

-> END$$

Query OK, 0 rows affected (0.20 sec)

MariaDB [csd2204w18db]> INSERT INTO emp\_details VALUES (334, ' Ana ', ' King', 'ANA',

-> ’212.212.21201', '2013-02-05', 'it\_prog', 17000, .50);$$

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18db]> select \*from EMP\_DETAILS;$$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 100 | STEVEN | KING | STEVEN.KING@GMAIL.COM | 2345678 | 1998-01-14 | AD\_PRES | 24000.00 | 0.10 |

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 17000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 17000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 9000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 6000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 4800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 15000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 17000.00 | 0.50 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18db]> CREATE TRIGGER more\_number

-> BEFORE INSERT ON NUMBER

-> FOR EACH ROW BEGIN

-> if NEW.n1 > 10

-> then

-> insert into number values(new.n1);

-> end if;

-> END$$

ERROR 1235 (42000): This version of MariaDB doesn't yet support 'multiple triggers with the same action time and event for one table'

MariaDB [csd2204w18db]> drop trigger more\_number;

-> $$

ERROR 1360 (HY000): Trigger does not exist

MariaDB [csd2204w18db]> show triggers from csd2204w18db;

-> $$

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

| Trigger | Event | Table | Statement | Timing | Created | sql\_mode | Definer | character\_set\_client | collation\_connection | Database Collation |

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

| emp\_details\_BINS | INSERT | emp\_details | BEGIN

SET NEW.FIRST\_NAME = TRIM(NEW.FIRST\_NAME);

SET NEW.LAST\_NAME = TRIM(NEW.LAST\_NAME);

SET NEW.JOB\_ID = UPPER(NEW.JOB\_ID);

END | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

| emp\_details\_AINS | INSERT | emp\_details | BEGIN

INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

NEW.salary, NOW());

END | AFTER | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

| ins\_sum | INSERT | number | SET @sum = NEW.n1 | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

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

3 rows in set (0.01 sec)

MariaDB [csd2204w18db]> show triggers from csd2204w18db;

-> $$

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

| Trigger | Event | Table | Statement | Timing | Created | sql\_mode | Definer | character\_set\_client | collation\_connection | Database Collation |

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

| emp\_details\_BINS | INSERT | emp\_details | BEGIN

SET NEW.FIRST\_NAME = TRIM(NEW.FIRST\_NAME);

SET NEW.LAST\_NAME = TRIM(NEW.LAST\_NAME);

SET NEW.JOB\_ID = UPPER(NEW.JOB\_ID);

END | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

| emp\_details\_AINS | INSERT | emp\_details | BEGIN

INSERT INTO log\_emp\_details VALUES(NEW.employee\_id,

NEW.salary, NOW());

END | AFTER | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

| ins\_sum | INSERT | number | SET @sum = NEW.n1 | BEFORE | NULL | NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION | root@localhost | cp850 | cp850\_general\_ci | latin1\_swedish\_ci |

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

3 rows in set (0.02 sec)

MariaDB [csd2204w18db]> show triggers from numbers;

-> $$

ERROR 1049 (42000): Unknown database 'numbers'

MariaDB [csd2204w18db]> show triggers from number$$

ERROR 1049 (42000): Unknown database 'number'

MariaDB [csd2204w18db]> show triggers from csd2204w18db.number$$

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 '.number' at line 1

MariaDB [csd2204w18db]> CREATE or REPLACE TRIGGER `emp\_details\_ADEL`

-> AFTER DELETE ON emp\_details FOR EACH ROW

-> BEGIN

-> INSERT INTO LOG\_EMP\_DETAILS\_UPDATE VALUES (user(),

-> CONCAT('Delete Employee Record', OLD.FIRST\_NAME, '->

'> Deleted on '),NOW());

-> END$$

Query OK, 0 rows affected (0.11 sec)

MariaDB [csd2204w18db]> SELECT \* FROM EMP\_DETAILS;

-> $$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 100 | STEVEN | KING | STEVEN.KING@GMAIL.COM | 2345678 | 1998-01-14 | AD\_PRES | 24000.00 | 0.10 |

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 17000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 17000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 9000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 6000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 4800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 15000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 17000.00 | 0.50 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18db]> DELETE FROM EMP\_DETAILS WHERE EMPLOYEE\_ID = 100;

-> $$

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18db]> SELECT \* FROM EMP\_DETAILS;$$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 17000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 17000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 9000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 6000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 4800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 15000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 17000.00 | 0.50 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18db]> SELECT \* FROM LOG\_EMP\_DETAILS\_UPDATE;$$

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

| USER | DESCRIPTION | UDTTIME |

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

| root@localhost | Delete Employee RecordSTEVEN->

Deleted on | 2018-01-24 09:08:53 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> CREATE or REPLACE TRIGGER `emp\_details\_AUPD`

-> AFTER UPDATE ON emp\_details FOR EACH ROW

-> BEGIN

-> INSERT INTO LOG\_EMP\_DETAILS\_UPDATE VALUES (user(),

-> CONCAT('Update employee Record ',

-> OLD.FIRST\_NAME,' Old Salary :',OLD.Salary,' New Salary : ',

-> NEW.Salary),NOW());

-> END$$

Query OK, 0 rows affected (0.21 sec)

MariaDB [csd2204w18db]> UPDATE EMP\_DETAILS SET SALARY = SALARY + 1000;$$

Query OK, 7 rows affected (0.14 sec)

Rows matched: 7 Changed: 7 Warnings: 0

MariaDB [csd2204w18db]> SELECT \* FROM EMP\_DETAILS;$$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 18000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 18000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 10000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 7000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 5800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 16000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 18000.00 | 0.50 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18db]> SELECT \* FROM LOG\_EMP\_DETAILS\_UPDATE;$$

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

| USER | DESCRIPTION | UDTTIME |

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

| root@localhost | Delete Employee RecordSTEVEN->

Deleted on | 2018-01-24 09:08:53 |

| root@localhost | Update employee Record NEENA Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record LEX Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record ALEXANDER Old Salary :9000.00 New Salary : 10000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record BRUCE Old Salary :6000.00 New Salary : 7000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record DAVID Old Salary :4800.00 New Salary : 5800.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record RABI Old Salary :15000.00 New Salary : 16000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record Ana Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18db]> create or REPLACE TRIGGER `stud\_marks\_BUPD`

-> BEFORE UPDATE ON stud\_marks for EACH ROW

-> BEGIN

-> SET NEW.TOTAL = NEW.SUB1 + NEW.SUB2 + NEW.SUB3 + NEW.SUB4 + NEW.SUB5;

-> SET NEW.PERCENTAGE = NEW.TOTAL/5;

-> IF NEW.PERCENTAGE >= 90

-> THEN

-> SET NEW.GRADE = 'EXCELLENT';

-> ELSEIF NEW.PERCENTAGE >= 60 AND NEW.PERCENTAGE <75

-> THEN

-> SET NEW.GRADE = 'GOOD';

-> ELSE IF

-> NEW.PERCENTAGE >= 40 AND NEW>PERCENTAGE <60

-> THEN SET NEW.GRADE = 'AVERAGE';p

-> ElSE SET NEW>GRADE = 'NOT PROMOTED';

-> END IF;

-> 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 'ElSE SET NEW>GRADE = 'NOT PROMOTED';

END IF;

END' at line 15

MariaDB [csd2204w18db]> CREATE OR REPLACE TRIGGER `stud\_marks\_BUPD`

-> BEFORE UPDATE ON stud\_marks FOR EACH ROW

-> BEGIN

-> SET NEW.TOTAL = NEW.SUB1 + NEW.SUB2 + NEW.SUB3 +

-> NEW.SUB4 + NEW.SUB5;

-> SET NEW.PERCENTAGE = NEW.TOTAL/5;

-> IF NEW.PERCENTAGE >=90

-> THEN SET NEW.GRADE = 'EXCELLENT';

-> ELSEIF NEW.PERCENTAGE>=75 AND NEW.PERCENTAGE<90

-> THEN SET NEW.GRADE = 'VERY GOOD';

-> ELSEIF NEW.PERCENTAGE>=60 AND NEW.PERCENTAGE<75

-> THEN SET NEW.GRADE = 'GOOD';

-> ELSEIF NEW.PERCENTAGE>=40 AND NEW.PERCENTAGE<60

-> THEN SET NEW.GRADE = 'AVERAGE';

-> ELSE SET NEW.GRADE = 'NOT PROMOTED';

-> END IF;

-> END$$

Query OK, 0 rows affected (0.20 sec)

MariaDB [csd2204w18db]> UPDATE STUD\_MARKS SET SUB1 = 54, SUB2 = 69, SUB3 = 89, SUB4 =

-> 87, SUB5 = 59 WHERE STUDENT\_ID = 1;

-> $$

Query OK, 1 row affected (0.08 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18db]> update STUD\_MARKS SET SUB1 = 54,SUB2 = 69, SUB3 = 89,SUB4 = 87,

-> SUB5 = 59 WHERE STUDENT\_ID = 1;

-> $$

Query OK, 0 rows affected (0.00 sec)

Rows matched: 1 Changed: 0 Warnings: 0

MariaDB [csd2204w18db]> select \*from STUD\_MARKS;

-> $$

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

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

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

| 1 | ALEX | 54.00 | 69.00 | 89.00 | 87.00 | 59.00 | 358.00 | 71.60 | GOOD |

| 2 | BOB | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | CHARLEY | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18db]> create or REPLACE TRIGGER `emp\_details\_ADEL`

-> AFTER DELETE ON emp\_details FOR EACH ROW

-> BEGIN

-> INSERT INTO LOG\_EMP\_DETAILS\_UPDATE values(user(),CONCAT('Delete Employee Record', OLD.FIRST\_NAME, '->

'> Deleted on'),NOW());

-> END$$

Query OK, 0 rows affected (0.19 sec)

MariaDB [csd2204w18db]> select \*from emp\_details;

-> $$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 18000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 18000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 10000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 7000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 5800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 16000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 18000.00 | 0.50 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18db]> Delete from EMP\_Details where Employee\_ID = 100;

-> $$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18db]> select \*from EMP\_DETAILS;$$

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

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT |

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

| 101 | NEENA | KOCHHAR | NEENA.KOCHHAR@GMAIL.COM | 2345678 | 2002-10-10 | AD\_VP | 18000.00 | 0.50 |

| 102 | LEX | DE HANN | LEX.HANN@GMAIL.COM | 2345678 | 1995-10-20 | AD\_VP | 18000.00 | 0.50 |

| 103 | ALEXANDER | HUNOLD | ALEXANDER.HUNOLD@GMAIL.CO | 2345678 | 2002-11-23 | IT\_PROG | 10000.00 | 0.25 |

| 104 | BRUCE | ERNST | BRUCE.ERNST@GMAIL.COM | 2345678 | 2003-08-24 | IT\_PROG | 7000.00 | 0.25 |

| 105 | DAVID | AUSTIN | DAVID.AUSTIN@GMAIL.COM | 2345678 | 2005-04-10 | IT\_PROG | 5800.00 | 0.25 |

| 236 | RABI | CHANDRA | RABI | 123.34.45700 | 2013-01-12 | AD\_VP | 16000.00 | 0.50 |

| 334 | Ana | King | ANA | 212.212.21201 | 2013-02-05 | IT\_PROG | 18000.00 | 0.50 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18db]> select \*from LOG\_EMP\_DETAILS\_UPDATE;$$

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

| USER | DESCRIPTION | UDTTIME |

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

| root@localhost | Delete Employee RecordSTEVEN->

Deleted on | 2018-01-24 09:08:53 |

| root@localhost | Update employee Record NEENA Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record LEX Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record ALEXANDER Old Salary :9000.00 New Salary : 10000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record BRUCE Old Salary :6000.00 New Salary : 7000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record DAVID Old Salary :4800.00 New Salary : 5800.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record RABI Old Salary :15000.00 New Salary : 16000.00 | 2018-01-24 09:12:20 |

| root@localhost | Update employee Record Ana Old Salary :17000.00 New Salary : 18000.00 | 2018-01-24 09:12:20 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18db]> CREATE or REPLACE TRIGGER before\_products\_update

-> BEFORE UPDATE on Products FOR EACH ROW

-> BEGIN

-> INSERT INTO price\_logs (product\_code,price) VALUES(old.c

-> ode,old.price);

-> 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 'ode,old.price);

END' at line 5

MariaDB [csd2204w18db]> create or replace TRIGGER before\_products\_update

-> BEFORE UPDATE on PRODUCTS FOR EACH ROW

-> BEGIN

-> INSERT INTO price\_logs(product\_code,price) VALUE(old.code,old.price);

-> END$$

Query OK, 0 rows affected (0.11 sec)

MariaDB [csd2204w18db]> UPDATE products SET price = 100 where code = '1';

-> $$

Query OK, 1 row affected (0.08 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18db]> select \*from price\_logs;

-> $$

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

| id | product\_code | price |

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

| 1 | 1 | 240 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> create trigger before\_products\_update\_2

-> BEFORE UPDATE ON products

-> FOR EACH ROW FOLLOWS before\_products\_update

-> BEGIN

-> INSERT INTO user\_change\_logs(products\_code,updated\_by) values(

-> old.productCode,user());

-> 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 'before\_products\_update

BEGIN

INSERT INTO user\_change\_logs(products\_code,updated\_' at line 3

MariaDB [csd2204w18db]> CREATE TRIGGER before\_products\_update\_2

-> BEFORE UPDATE ON products

-> FOR EACH ROW FOLLOWS before\_products\_update

-> BEGIN

-> INSERT INTO user\_change\_logs(product\_code,updated\_by)

-> VALUES(old.productCode,user());

-> 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 'before\_products\_update

BEGIN

INSERT INTO user\_change\_logs(product\_code,updated\_b' at line 3

MariaDB [csd2204w18db]> select \*from custom;

-> $$

ERROR 1146 (42S02): Table 'csd2204w18db.custom' doesn't exist

MariaDB [csd2204w18db]> show tables;

-> $$

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| d10\_v1 |

| d10\_v2 |

| departments |

| emp\_details |

| employees |

| job\_history |

| jobs |

| locations |

| log\_emp\_details |

| log\_emp\_details\_update |

| manu |

| number |

| numbers |

| pet |

| price\_logs |

| products |

| regions |

| stud\_marks |

| user\_change\_logs |

| v1\_today |

| v\_today |

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

23 rows in set (0.00 sec)

MariaDB [csd2204w18db]> delimiter ;

MariaDB [csd2204w18db]> show tables;

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| d10\_v1 |

| d10\_v2 |

| departments |

| emp\_details |

| employees |

| job\_history |

| jobs |

| locations |

| log\_emp\_details |

| log\_emp\_details\_update |

| manu |

| number |

| numbers |

| pet |

| price\_logs |

| products |

| regions |

| stud\_marks |

| user\_change\_logs |

| v1\_today |

| v\_today |

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

23 rows in set (0.00 sec)

MariaDB [csd2204w18db]> create table custom(id int(3),Name varchar(20),

-> Email varchar(20),PurchaseAmount float(10),MembershipType varchar(20));

Query OK, 0 rows affected (0.50 sec)

MariaDB [csd2204w18db]> insert into custom values(1,'Andy','any@rt.com',1000000,'Gold');

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18db]> insert into custom values(2,'kate','kate@rt.com',500000,'Silver');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18db]> insert into custom values(3,'Nelly','nelly@rt.com',200000,'Bronze');

Query OK, 1 row affected (0.44 sec)

MariaDB [csd2204w18db]> insert into custom values(4,'Bill','Bill@rt.com',4500000,'GOLD');

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18db]> insert into custom values(5,'Dexter','Dexter@rt.com',150000,'BRONZE');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18db]> select \*from custom;

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

| id | Name | Email | PurchaseAmount | MembershipType |

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

| 1 | Andy | any@rt.com | 1000000 | Gold |

| 2 | kate | kate@rt.com | 500000 | Silver |

| 3 | Nelly | nelly@rt.com | 200000 | Bronze |

| 4 | Bill | Bill@rt.com | 4500000 | GOLD |

| 5 | Dexter | Dexter@rt.com | 150000 | BRONZE |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> SET @Purchase = New.PurchaseAmount

-> if New.PurchaseAmount > 1000000

-> Then SET NEW.MembershipType = 'GOLD';

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 'if New.PurchaseAmount > 1000000

Then SET NEW.MembershipType = 'GOLD'' at line 5

MariaDB [csd2204w18db]> Delimiter $$

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> SET @Purchase = New.PurchaseAmount

-> if New.PurchaseAmount > 1000000

-> Then SET NEW.MembershipType = 'GOLD';

-> ELSEIF NEW.PURCHASEAMOUNT > 500000 AND NEW.PURCHASEAMOUNT < 1000000

-> THEN SET NEW.MembershipType = 'Silver';

-> ELSEIF NEW.PURCHASEAMOUNT < 500000

-> THEN SET NEW.MembershipType = 'Bronze';

-> ELSE

-> SET NEW.MembershipType = 'Not Available';

-> END IF;

-> 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 'if New.PurchaseAmount > 1000000

Then SET NEW.MembershipType = 'GOLD';

ELSEIF NEW' at line 5

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> SET @Purchase = New.PurchaseAmount

-> If New.PurchaseAmount > 1000000

-> Then SET NEW.MembershipType = 'GOLD';

-> ELSEIF NEW.PURCHASEAMOUNT > 500000 AND NEW.PURCHASEAMOUNT < 1000000

-> THEN SET NEW.MembershipType = 'Silver';

-> ELSEIF NEW.PURCHASEAMOUNT < 500000

-> THEN SET NEW.MembershipType = 'Bronze';

-> ELSE

-> SET NEW.MembershipType = 'Not Available';

-> END IF;

-> 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 'If New.PurchaseAmount > 1000000

Then SET NEW.MembershipType = 'GOLD';

ELSEIF NE' at line 5

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> -> BEFORE UPDATE ON MembershipType for EACH ROW

-> -> BEGIN

-> -> SET @Purchase = New.PurchaseAmount

-> IF NEW.PurchaseAmount >1000000

-> -> Then SET NEW.MembershipType = 'GOLD';

-> -> ELSEIF NEW.PURCHASEAMOUNT > 500000 AND NEW.PURCHASEAMOUNT < 1000000

-> -> THEN SET NEW.MembershipType = 'Silver';

-> -> ELSEIF NEW.PURCHASEAMOUNT < 500000

-> -> THEN SET NEW.MembershipType = 'Bronze';

-> -> ELSE

-> -> SET NEW.MembershipType = 'Not Available';

-> -> END IF;

-> -> 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 '-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> SET @Purchas' at line 2

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> -> BEFORE UPDATE ON MembershipType for EACH ROW

-> -> BEGIN

-> $$ SET @Purchase = New.PurchaseAmount

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 '-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN' at line 2

-> $$

ERROR 1109 (42S02): Unknown table 'New' in field list

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> SET @Purchase = New.PurchaseAmount

-> IF New.PurchaseAmount > 1000000

-> Then SET NEW.MembershipType = 'GOLD';

-> ELSEIF NEW.PURCHASEAMOUNT > 500000 AND NEW.PURCHASEAMOUNT < 1000000

-> THEN SET NEW.MembershipType = 'Silver';

-> ELSEIF NEW.PURCHASEAMOUNT < 500000

-> THEN SET NEW.MembershipType = 'Bronze';

-> ELSE

-> SET NEW.MembershipType = 'Not Available';

-> END IF;

-> 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 'IF New.PurchaseAmount > 1000000

Then SET NEW.MembershipType = 'GOLD';

ELSEIF NEW' at line 5

MariaDB [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON MembershipType for EACH ROW

-> BEGIN

-> $$

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 [csd2204w18db]> create Trigger `change\_type`

-> BEFORE UPDATE ON custom for EACH ROW

-> BEGIN

-> IF New.PurchaseAmount > 1000000

-> Then SET NEW.MembershipType = 'GOLD';

-> ELSEIF NEW.PURCHASEAMOUNT > 500000 AND NEW.PURCHASEAMOUNT < 1000000

-> THEN SET NEW.MembershipType = 'Silver';

-> ELSEIF NEW.PURCHASEAMOUNT < 500000

-> THEN SET NEW.MembershipType = 'Bronze';

-> ELSE

-> SET NEW.MembershipType = 'Not Available';

-> END IF;

-> END$$

Query OK, 0 rows affected (0.23 sec)

MariaDB [csd2204w18db]> update into custom set purchaseAmount = 1000 where id = 1;

-> $$

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 'into custom set purchaseAmount = 1000 where id = 1' at line 1

MariaDB [csd2204w18db]> update custom set purchaseAmount = 1000 where id = 1;

-> $$

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18db]> select \*from custom$$

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

| id | Name | Email | PurchaseAmount | MembershipType |

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

| 1 | Andy | any@rt.com | 1000 | Bronze |

| 2 | kate | kate@rt.com | 500000 | Silver |

| 3 | Nelly | nelly@rt.com | 200000 | Bronze |

| 4 | Bill | Bill@rt.com | 4500000 | GOLD |

| 5 | Dexter | Dexter@rt.com | 150000 | BRONZE |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18db]>