Setting environment for using XAMPP for Windows.

710019@128-IMAC11 c:\xampp

# mysql -u root -p;

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

710019@128-IMAC11 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 4

Server version: 10.1.21-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;

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 [(none)]> create database csd2204w18;

ERROR 1007 (HY000): Can't create database 'csd2204w18'; database exists

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> delimiter $$

MariaDB [csd2204w18]> show tables;

-> $$

Empty set (0.02 sec)

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

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

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `countries` (

-> `COUNTRY\_ID` varchar(2) NOT NULL,

-> `COUNTRY\_NAME` varchar(40) DEFAULT NULL,

-> `REGION\_ID` decimal(10,0) DEFAULT NULL,

-> PRIMARY KEY (`COUNTRY\_ID`),

-> KEY `COUNTR\_REG\_FK` (`REGION\_ID`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;

->

-> $$

Query OK, 0 rows affected (0.11 sec)

MariaDB [csd2204w18]> create procedure job\_data()>select \* from countries;$$

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 countries' at line 1

MariaDB [csd2204w18]> create procedure job\_data() >select \* from countries;$$

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 countries' at line 1

MariaDB [csd2204w18]> INSERT INTO `countries` (`COUNTRY\_ID`, `COUNTRY\_NAME`, `REGION\_ID`) VALUES

-> ('AR', 'Argentina', '2'),

-> ('AU', 'Australia', '3'),

-> ('BE', 'Belgium', '1'),

-> ('BR', 'Brazil', '2'),

-> ('CA', 'Canada', '2'),

-> ('CH', 'Switzerland', '1'),

-> ('CN', 'China', '3'),

-> ('DE', 'Germany', '1'),

-> ('DK', 'Denmark', '1'),

-> ('EG', 'Egypt', '4'),

-> ('FR', 'France', '1'),

-> ('HK', 'HongKong', '3'),

-> ('IL', 'Israel', '4'),

-> ('IN', 'India', '3'),

-> ('IT', 'Italy', '1'),

-> ('JP', 'Japan', '3'),

-> ('KW', 'Kuwait', '4'),

-> ('MX', 'Mexico', '2'),

-> ('NG', 'Nigeria', '4'),

-> ('NL', 'Netherlands', '1'),

-> ('SG', 'Singapore', '3'),

-> ('UK', 'United Kingdom', '1'),

-> ('US', 'United States of America', '2'),

-> ('ZM', 'Zambia', '4'),

-> ('ZW', 'Zimbabwe', '4');

-> $$

Query OK, 25 rows affected (0.02 sec)

Records: 25 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> create procedure proc\_variables()

-> begin

-> declare a int default 10;

-> declare b,c int;

-> 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 (0.03 sec)

MariaDB [csd2204w18]> call proc\_variables();

-> $$

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

| a | b | c |

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

| 10 | 2 | 5 |

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

1 row in set (0.00 sec)

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

| a | b | c |

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

| 10 | 2 | 12 |

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

1 row in set (0.02 sec)

Query OK, 0 rows affected (0.02 sec)

MariaDB [csd2204w18]> create procedure customers\_data() -> select \* from customers;$$

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 customers' at line 1

MariaDB [csd2204w18]> create procedure customers\_data() > select \* from customers;$$

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 customers' at line 1

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 (0.09 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 (0.00 sec)

MariaDB [csd2204w18]> select @x;

-> $$

+------+

| @x |

+------+

| 15 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> create procedure proc\_in(in var1 int)

-> begin

-> select \* from customers limit var1;

-> end$$

Query OK, 0 rows affected (0.13 sec)

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

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

MariaDB [csd2204w18]> show tables$$

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

| Tables\_in\_csd2204w18 |

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

| countries |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> create procedure proc\_in(in var1 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 '' at line 1

MariaDB [csd2204w18]> create procedure proc\_in1(in var1 int)

-> begin

-> select \* from countries limit var1;

-> end$$

Query OK, 0 rows affected (0.09 sec)

MariaDB [csd2204w18]> call proc\_in1(2)$$

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

| COUNTRY\_ID | COUNTRY\_NAME | REGION\_ID |

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

| AR | Argentina | 2 |

| AU | Australia | 3 |

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

2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.03 sec)

MariaDB [csd2204w18]> call proc\_in1(7)$$

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

| COUNTRY\_ID | COUNTRY\_NAME | REGION\_ID |

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

| AR | Argentina | 2 |

| AU | Australia | 3 |

| BE | Belgium | 1 |

| BR | Brazil | 2 |

| CA | Canada | 2 |

| CH | Switzerland | 1 |

| CN | China | 3 |

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

7 rows in set (0.00 sec)

Query OK, 0 rows affected (0.06 sec)

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `employees` (

-> `EMPLOYEE\_ID` decimal(6,0) NOT NULL DEFAULT '0',

-> `FIRST\_NAME` varchar(20) DEFAULT NULL,

-> `LAST\_NAME` varchar(25) NOT NULL,

-> `EMAIL` varchar(25) NOT NULL,

-> `PHONE\_NUMBER` varchar(20) DEFAULT NULL,

-> `HIRE\_DATE` date NOT NULL,

-> `JOB\_ID` varchar(10) NOT NULL,

-> `SALARY` decimal(8,2) DEFAULT NULL,

-> `COMMISSION\_PCT` decimal(2,2) DEFAULT NULL,

-> `MANAGER\_ID` decimal(6,0) DEFAULT NULL,

-> `DEPARTMENT\_ID` decimal(4,0) DEFAULT NULL,

-> PRIMARY KEY (`EMPLOYEE\_ID`),

-> UNIQUE KEY `EMP\_EMAIL\_UK` (`EMAIL`),

-> KEY `EMP\_DEPARTMENT\_IX` (`DEPARTMENT\_ID`),

-> KEY `EMP\_JOB\_IX` (`JOB\_ID`),

-> KEY `EMP\_MANAGER\_IX` (`MANAGER\_ID`),

-> KEY `EMP\_NAME\_IX` (`LAST\_NAME`,`FIRST\_NAME`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;$$

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18]> INSERT INTO `employees` (`EMPLOYEE\_ID`, `FIRST\_NAME`, `LAST\_NAME`, `EMAIL`, `PHONE\_NUMBER`, `HIRE\_DATE`, `JOB\_ID`, `SALARY`, `COMMISSION\_PCT`, `MANAGER\_ID`, `DEPARTMENT\_ID`) VALUES

-> ('100', 'Steven', 'King', 'SKING', '515.123.4567', '1987-06-17', 'AD\_PRES', '24000.00', '0.00', '0', '90'),

-> ('101', 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', '1987-06-18', 'AD\_VP', '17000.00', '0.00', '100', '90'),

-> ('102', 'Lex', 'De Haan', 'LDEHAAN', '515.123.4569', '1987-06-19', 'AD\_VP', '17000.00', '0.00', '100', '90'),

-> ('103', 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', '1987-06-20', 'IT\_PROG', '9000.00', '0.00', '102', '60'),

-> ('104', 'Bruce', 'Ernst', 'BERNST', '590.423.4568', '1987-06-21', 'IT\_PROG', '6000.00', '0.00', '103', '60'),

-> ('105', 'David', 'Austin', 'DAUSTIN', '590.423.4569', '1987-06-22', 'IT\_PROG', '4800.00', '0.00', '103', '60'),

-> ('106', 'Valli', 'Pataballa', 'VPATABAL', '590.423.4560', '1987-06-23', 'IT\_PROG', '4800.00', '0.00', '103', '60'),

-> ('107', 'Diana', 'Lorentz', 'DLORENTZ', '590.423.5567', '1987-06-24', 'IT\_PROG', '4200.00', '0.00', '103', '60'),

-> ('108', 'Nancy', 'Greenberg', 'NGREENBE', '515.124.4569', '1987-06-25', 'FI\_MGR', '12000.00', '0.00', '101', '100'),

-> ('109', 'Daniel', 'Faviet', 'DFAVIET', '515.124.4169', '1987-06-26', 'FI\_ACCOUNT', '9000.00', '0.00', '108', '100'),

-> ('110', 'John', 'Chen', 'JCHEN', '515.124.4269', '1987-06-27', 'FI\_ACCOUNT', '8200.00', '0.00', '108', '100'),$$

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 12

MariaDB [csd2204w18]> INSERT INTO `employees` (`EMPLOYEE\_ID`, `FIRST\_NAME`, `LAST\_NAME`, `EMAIL`, `PHONE\_NUMBER`, `HIRE\_DATE`, `JOB\_ID`, `SALARY`, `COMMISSION\_PCT`, `MANAGER\_ID`, `DEPARTMENT\_ID`) VALUES

-> ('100', 'Steven', 'King', 'SKING', '515.123.4567', '1987-06-17', 'AD\_PRES', '24000.00', '0.00', '0', '90'),

-> ('101', 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', '1987-06-18', 'AD\_VP', '17000.00', '0.00', '100', '90'),

-> ('102', 'Lex', 'De Haan', 'LDEHAAN', '515.123.4569', '1987-06-19', 'AD\_VP', '17000.00', '0.00', '100', '90'),

-> ('103', 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', '1987-06-20', 'IT\_PROG', '9000.00', '0.00', '102', '60'),

-> ('104', 'Bruce', 'Ernst', 'BERNST', '590.423.4568', '1987-06-21', 'IT\_PROG', '6000.00', '0.00', '103', '60'),

-> ('105', 'David', 'Austin', 'DAUSTIN', '590.423.4569', '1987-06-22', 'IT\_PROG', '4800.00', '0.00', '103', '60'),

-> ('106', 'Valli', 'Pataballa', 'VPATABAL', '590.423.4560', '1987-06-23', 'IT\_PROG', '4800.00', '0.00', '103', '60'),

-> ('107', 'Diana', 'Lorentz', 'DLORENTZ', '590.423.5567', '1987-06-24', 'IT\_PROG', '4200.00', '0.00', '103', '60'),

-> ('108', 'Nancy', 'Greenberg', 'NGREENBE', '515.124.4569', '1987-06-25', 'FI\_MGR', '12000.00', '0.00', '101', '100'),

-> ('109', 'Daniel', 'Faviet', 'DFAVIET', '515.124.4169', '1987-06-26', 'FI\_ACCOUNT', '9000.00', '0.00', '108', '100'),

-> ('110', 'John', 'Chen', 'JCHEN', '515.124.4269', '1987-06-27', 'FI\_ACCOUNT', '8200.00', '0.00', '108', '100'),

-> ('111', 'Ismael', 'Sciarra', 'ISCIARRA', '515.124.4369', '1987-06-28', 'FI\_ACCOUNT', '7700.00', '0.00', '108', '100'),

-> ('112', 'Jose Manuel', 'Urman', 'JMURMAN', '515.124.4469', '1987-06-29', 'FI\_ACCOUNT', '7800.00', '0.00', '108', '100'),

-> ('113', 'Luis', 'Popp', 'LPOPP', '515.124.4567', '1987-06-30', 'FI\_ACCOUNT', '6900.00', '0.00', '108', '100'),

-> ('114', 'Den', 'Raphaely', 'DRAPHEAL', '515.127.4561', '1987-07-01', 'PU\_MAN', '11000.00', '0.00', '100', '30'),

-> ('115', 'Alexander', 'Khoo', 'AKHOO', '515.127.4562', '1987-07-02', 'PU\_CLERK', '3100.00', '0.00', '114', '30'),

-> ('116', 'Shelli', 'Baida', 'SBAIDA', '515.127.4563', '1987-07-03', 'PU\_CLERK', '2900.00', '0.00', '114', '30'),

-> ('117', 'Sigal', 'Tobias', 'STOBIAS', '515.127.4564', '1987-07-04', 'PU\_CLERK', '2800.00', '0.00', '114', '30'),

-> ('118', 'Guy', 'Himuro', 'GHIMURO', '515.127.4565', '1987-07-05', 'PU\_CLERK', '2600.00', '0.00', '114', '30'),

-> ('119', 'Karen', 'Colmenares', 'KCOLMENA', '515.127.4566', '1987-07-06', 'PU\_CLERK', '2500.00', '0.00', '114', '30'),

-> ('120', 'Matthew', 'Weiss', 'MWEISS', '650.123.1234', '1987-07-07', 'ST\_MAN', '8000.00', '0.00', '100', '50'),

-> ('121', 'Adam', 'Fripp', 'AFRIPP', '650.123.2234', '1987-07-08', 'ST\_MAN', '8200.00', '0.00', '100', '50'),

-> ('122', 'Payam', 'Kaufling', 'PKAUFLIN', '650.123.3234', '1987-07-09', 'ST\_MAN', '7900.00', '0.00', '100', '50'),

-> ('123', 'Shanta', 'Vollman', 'SVOLLMAN', '650.123.4234', '1987-07-10', 'ST\_MAN', '6500.00', '0.00', '100', '50'),

-> ('124', 'Kevin', 'Mourgos', 'KMOURGOS', '650.123.5234', '1987-07-11', 'ST\_MAN', '5800.00', '0.00', '100', '50'),

-> ('125', 'Julia', 'Nayer', 'JNAYER', '650.124.1214', '1987-07-12', 'ST\_CLERK', '3200.00', '0.00', '120', '50'),

-> ('126', 'Irene', 'Mikkilineni', 'IMIKKILI', '650.124.1224', '1987-07-13', 'ST\_CLERK', '2700.00', '0.00', '120', '50'),

-> ('127', 'James', 'Landry', 'JLANDRY', '650.124.1334', '1987-07-14', 'ST\_CLERK', '2400.00', '0.00', '120', '50'),

-> ('128', 'Steven', 'Markle', 'SMARKLE', '650.124.1434', '1987-07-15', 'ST\_CLERK', '2200.00', '0.00', '120', '50'),

-> ('129', 'Laura', 'Bissot', 'LBISSOT', '650.124.5234', '1987-07-16', 'ST\_CLERK', '3300.00', '0.00', '121', '50'),

-> ('130', 'Mozhe', 'Atkinson', 'MATKINSO', '650.124.6234', '1987-07-17', 'ST\_CLERK', '2800.00', '0.00', '121', '50'),

-> ('131', 'James', 'Marlow', 'JAMRLOW', '650.124.7234', '1987-07-18', 'ST\_CLERK', '2500.00', '0.00', '121', '50'),

-> ('132', 'TJ', 'Olson', 'TJOLSON', '650.124.8234', '1987-07-19', 'ST\_CLERK', '2100.00', '0.00', '121', '50'),

-> ('133', 'Jason', 'Mallin', 'JMALLIN', '650.127.1934', '1987-07-20', 'ST\_CLERK', '3300.00', '0.00', '122', '50'),

-> ('134', 'Michael', 'Rogers', 'MROGERS', '650.127.1834', '1987-07-21', 'ST\_CLERK', '2900.00', '0.00', '122', '50'),

-> ('135', 'Ki', 'Gee', 'KGEE', '650.127.1734', '1987-07-22', 'ST\_CLERK', '2400.00', '0.00', '122', '50'),

-> ('136', 'Hazel', 'Philtanker', 'HPHILTAN', '650.127.1634', '1987-07-23', 'ST\_CLERK', '2200.00', '0.00', '122', '50'),

-> ('137', 'Renske', 'Ladwig', 'RLADWIG', '650.121.1234', '1987-07-24', 'ST\_CLERK', '3600.00', '0.00', '123', '50'),

-> ('138', 'Stephen', 'Stiles', 'SSTILES', '650.121.2034', '1987-07-25', 'ST\_CLERK', '3200.00', '0.00', '123', '50'),

-> ('139', 'John', 'Seo', 'JSEO', '650.121.2019', '1987-07-26', 'ST\_CLERK', '2700.00', '0.00', '123', '50'),

-> ('140', 'Joshua', 'Patel', 'JPATEL', '650.121.1834', '1987-07-27', 'ST\_CLERK', '2500.00', '0.00', '123', '50'),

-> ('141', 'Trenna', 'Rajs', 'TRAJS', '650.121.8009', '1987-07-28', 'ST\_CLERK', '3500.00', '0.00', '124', '50'),

-> ('142', 'Curtis', 'Davies', 'CDAVIES', '650.121.2994', '1987-07-29', 'ST\_CLERK', '3100.00', '0.00', '124', '50'),

-> ('143', 'Randall', 'Matos', 'RMATOS', '650.121.2874', '1987-07-30', 'ST\_CLERK', '2600.00', '0.00', '124', '50'),

-> ('144', 'Peter', 'Vargas', 'PVARGAS', '650.121.2004', '1987-07-31', 'ST\_CLERK', '2500.00', '0.00', '124', '50'),

-> ('145', 'John', 'Russell', 'JRUSSEL', '011.44.1344.429268', '1987-08-01', 'SA\_MAN', '14000.00', '0.40', '100', '80'),

-> ('146', 'Karen', 'Partners', 'KPARTNER', '011.44.1344.467268', '1987-08-02', 'SA\_MAN', '13500.00', '0.30', '100', '80'),

-> ('147', 'Alberto', 'Errazuriz', 'AERRAZUR', '011.44.1344.429278', '1987-08-03', 'SA\_MAN', '12000.00', '0.30', '100', '80'),

-> ('148', 'Gerald', 'Cambrault', 'GCAMBRAU', '011.44.1344.619268', '1987-08-04', 'SA\_MAN', '11000.00', '0.30', '100', '80'),

-> ('149', 'Eleni', 'Zlotkey', 'EZLOTKEY', '011.44.1344.429018', '1987-08-05', 'SA\_MAN', '10500.00', '0.20', '100', '80'),

-> ('150', 'Peter', 'Tucker', 'PTUCKER', '011.44.1344.129268', '1987-08-06', 'SA\_REP', '10000.00', '0.30', '145', '80'),

-> ('151', 'David', 'Bernstein', 'DBERNSTE', '011.44.1344.345268', '1987-08-07', 'SA\_REP', '9500.00', '0.25', '145', '80'),

-> ('152', 'Peter', 'Hall', 'PHALL', '011.44.1344.478968', '1987-08-08', 'SA\_REP', '9000.00', '0.25', '145', '80'),

-> ('153', 'Christopher', 'Olsen', 'COLSEN', '011.44.1344.498718', '1987-08-09', 'SA\_REP', '8000.00', '0.20', '145', '80'),

-> ('154', 'Nanette', 'Cambrault', 'NCAMBRAU', '011.44.1344.987668', '1987-08-10', 'SA\_REP', '7500.00', '0.20', '145', '80'),

-> ('155', 'Oliver', 'Tuvault', 'OTUVAULT', '011.44.1344.486508', '1987-08-11', 'SA\_REP', '7000.00', '0.15', '145', '80'),

-> ('156', 'Janette', 'King', 'JKING', '011.44.1345.429268', '1987-08-12', 'SA\_REP', '10000.00', '0.35', '146', '80'),

-> ('157', 'Patrick', 'Sully', 'PSULLY', '011.44.1345.929268', '1987-08-13', 'SA\_REP', '9500.00', '0.35', '146', '80'),

-> ('158', 'Allan', 'McEwen', 'AMCEWEN', '011.44.1345.829268', '1987-08-14', 'SA\_REP', '9000.00', '0.35', '146', '80'),

-> ('159', 'Lindsey', 'Smith', 'LSMITH', '011.44.1345.729268', '1987-08-15', 'SA\_REP', '8000.00', '0.30', '146', '80'),

-> ('160', 'Louise', 'Doran', 'LDORAN', '011.44.1345.629268', '1987-08-16', 'SA\_REP', '7500.00', '0.30', '146', '80'),

-> ('161', 'Sarath', 'Sewall', 'SSEWALL', '011.44.1345.529268', '1987-08-17', 'SA\_REP', '7000.00', '0.25', '146', '80'),

-> ('162', 'Clara', 'Vishney', 'CVISHNEY', '011.44.1346.129268', '1987-08-18', 'SA\_REP', '10500.00', '0.25', '147', '80'),

-> ('163', 'Danielle', 'Greene', 'DGREENE', '011.44.1346.229268', '1987-08-19', 'SA\_REP', '9500.00', '0.15', '147', '80'),

-> ('164', 'Mattea', 'Marvins', 'MMARVINS', '011.44.1346.329268', '1987-08-20', 'SA\_REP', '7200.00', '0.10', '147', '80'),

-> ('165', 'David', 'Lee', 'DLEE', '011.44.1346.529268', '1987-08-21', 'SA\_REP', '6800.00', '0.10', '147', '80'),

-> ('166', 'Sundar', 'Ande', 'SANDE', '011.44.1346.629268', '1987-08-22', 'SA\_REP', '6400.00', '0.10', '147', '80'),

-> ('167', 'Amit', 'Banda', 'ABANDA', '011.44.1346.729268', '1987-08-23', 'SA\_REP', '6200.00', '0.10', '147', '80'),

-> ('168', 'Lisa', 'Ozer', 'LOZER', '011.44.1343.929268', '1987-08-24', 'SA\_REP', '11500.00', '0.25', '148', '80'),

-> ('169', 'Harrison', 'Bloom', 'HBLOOM', '011.44.1343.829268', '1987-08-25', 'SA\_REP', '10000.00', '0.20', '148', '80'),

-> ('170', 'Tayler', 'Fox', 'TFOX', '011.44.1343.729268', '1987-08-26', 'SA\_REP', '9600.00', '0.20', '148', '80'),

-> ('171', 'William', 'Smith', 'WSMITH', '011.44.1343.629268', '1987-08-27', 'SA\_REP', '7400.00', '0.15', '148', '80'),

-> ('172', 'Elizabeth', 'Bates', 'EBATES', '011.44.1343.529268', '1987-08-28', 'SA\_REP', '7300.00', '0.15', '148', '80'),

-> ('173', 'Sundita', 'Kumar', 'SKUMAR', '011.44.1343.329268', '1987-08-29', 'SA\_REP', '6100.00', '0.10', '148', '80'),

-> ('174', 'Ellen', 'Abel', 'EABEL', '011.44.1644.429267', '1987-08-30', 'SA\_REP', '11000.00', '0.30', '149', '80'),

-> ('175', 'Alyssa', 'Hutton', 'AHUTTON', '011.44.1644.429266', '1987-08-31', 'SA\_REP', '8800.00', '0.25', '149', '80'),

-> ('176', 'Jonathon', 'Taylor', 'JTAYLOR', '011.44.1644.429265', '1987-09-01', 'SA\_REP', '8600.00', '0.20', '149', '80'),

-> ('177', 'Jack', 'Livingston', 'JLIVINGS', '011.44.1644.429264', '1987-09-02', 'SA\_REP', '8400.00', '0.20', '149', '80'),

-> ('178', 'Kimberely', 'Grant', 'KGRANT', '011.44.1644.429263', '1987-09-03', 'SA\_REP', '7000.00', '0.15', '149', '0'),

-> ('179', 'Charles', 'Johnson', 'CJOHNSON', '011.44.1644.429262', '1987-09-04', 'SA\_REP', '6200.00', '0.10', '149', '80'),

-> ('180', 'Winston', 'Taylor', 'WTAYLOR', '650.507.9876', '1987-09-05', 'SH\_CLERK', '3200.00', '0.00', '120', '50'),

-> ('181', 'Jean', 'Fleaur', 'JFLEAUR', '650.507.9877', '1987-09-06', 'SH\_CLERK', '3100.00', '0.00', '120', '50'),

-> ('182', 'Martha', 'Sullivan', 'MSULLIVA', '650.507.9878', '1987-09-07', 'SH\_CLERK', '2500.00', '0.00', '120', '50'),

-> ('183', 'Girard', 'Geoni', 'GGEONI', '650.507.9879', '1987-09-08', 'SH\_CLERK', '2800.00', '0.00', '120', '50'),

-> ('184', 'Nandita', 'Sarchand', 'NSARCHAN', '650.509.1876', '1987-09-09', 'SH\_CLERK', '4200.00', '0.00', '121', '50'),

-> ('185', 'Alexis', 'Bull', 'ABULL', '650.509.2876', '1987-09-10', 'SH\_CLERK', '4100.00', '0.00', '121', '50'),

-> ('186', 'Julia', 'Dellinger', 'JDELLING', '650.509.3876', '1987-09-11', 'SH\_CLERK', '3400.00', '0.00', '121', '50'),

-> ('187', 'Anthony', 'Cabrio', 'ACABRIO', '650.509.4876', '1987-09-12', 'SH\_CLERK', '3000.00', '0.00', '121', '50'),

-> ('188', 'Kelly', 'Chung', 'KCHUNG', '650.505.1876', '1987-09-13', 'SH\_CLERK', '3800.00', '0.00', '122', '50'),

-> ('189', 'Jennifer', 'Dilly', 'JDILLY', '650.505.2876', '1987-09-14', 'SH\_CLERK', '3600.00', '0.00', '122', '50'),

-> ('190', 'Timothy', 'Gates', 'TGATES', '650.505.3876', '1987-09-15', 'SH\_CLERK', '2900.00', '0.00', '122', '50'),

-> ('191', 'Randall', 'Perkins', 'RPERKINS', '650.505.4876', '1987-09-16', 'SH\_CLERK', '2500.00', '0.00', '122', '50'),

-> ('192', 'Sarah', 'Bell', 'SBELL', '650.501.1876', '1987-09-17', 'SH\_CLERK', '4000.00', '0.00', '123', '50'),

-> ('193', 'Britney', 'Everett', 'BEVERETT', '650.501.2876', '1987-09-18', 'SH\_CLERK', '3900.00', '0.00', '123', '50'),

-> ('194', 'Samuel', 'McCain', 'SMCCAIN', '650.501.3876', '1987-09-19', 'SH\_CLERK', '3200.00', '0.00', '123', '50'),

-> ('195', 'Vance', 'Jones', 'VJONES', '650.501.4876', '1987-09-20', 'SH\_CLERK', '2800.00', '0.00', '123', '50'),

-> ('196', 'Alana', 'Walsh', 'AWALSH', '650.507.9811', '1987-09-21', 'SH\_CLERK', '3100.00', '0.00', '124', '50'),

-> ('197', 'Kevin', 'Feeney', 'KFEENEY', '650.507.9822', '1987-09-22', 'SH\_CLERK', '3000.00', '0.00', '124', '50'),

-> ('198', 'Donald', 'OConnell', 'DOCONNEL', '650.507.9833', '1987-09-23', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),

-> ('199', 'Douglas', 'Grant', 'DGRANT', '650.507.9844', '1987-09-24', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),

-> ('200', 'Jennifer', 'Whalen', 'JWHALEN', '515.123.4444', '1987-09-25', 'AD\_ASST', '4400.00', '0.00', '101', '10'),

-> ('201', 'Michael', 'Hartstein', 'MHARTSTE', '515.123.5555', '1987-09-26', 'MK\_MAN', '13000.00', '0.00', '100', '20'),

-> ('202', 'Pat', 'Fay', 'PFAY', '603.123.6666', '1987-09-27', 'MK\_REP', '6000.00', '0.00', '201', '20'),

-> ('203', 'Susan', 'Mavris', 'SMAVRIS', '515.123.7777', '1987-09-28', 'HR\_REP', '6500.00', '0.00', '101', '40'),

-> ('204', 'Hermann', 'Baer', 'HBAER', '515.123.8888', '1987-09-29', 'PR\_REP', '10000.00', '0.00', '101', '70'),

-> ('205', 'Shelley', 'Higgins', 'SHIGGINS', '515.123.8080', '1987-09-30', 'AC\_MGR', '12000.00', '0.00', '101', '110'),

-> ('206', 'William', 'Gietz', 'WGIETZ', '515.123.8181', '1987-10-01', 'AC\_ACCOUNT', '8300.00', '0.00', '205', '110');

-> $$

Query OK, 107 rows affected (0.00 sec)

Records: 107 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> create procedure my\_proc\_out(out highest\_salary int)

-> begin

-> select max(max\_salary) into highest\_salary from employees;

-> end$$

Query OK, 0 rows affected (0.11 sec)

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

ERROR 1054 (42S22): Unknown column 'max\_salary' in 'field list'

MariaDB [csd2204w18]> create procedure my\_proc\_out1(out highest\_salary int)

-> begin

-> select max(salary) into highest\_salary from employees;

-> end$$

Query OK, 0 rows affected (0.08 sec)

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

ERROR 1054 (42S22): Unknown column 'max\_salary' in 'field list'

MariaDB [csd2204w18]> call my\_proc\_out1(@m)$$

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> select @m$$

+-------+

| @m |

+-------+

| 24000 |

+-------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> create proc1(in @m)

-> begin

-> select $$

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 'proc1(in @m)

begin

select' at line 1

MariaDB [csd2204w18]> create proc1(in salary int)

-> begin

-> select \* from employees 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 'proc1(in salary int)

begin

select \* from employees where min(salary) > salary;

e' at line 1

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `jobs` (

-> `JOB\_ID` varchar(10) NOT NULL DEFAULT '',

-> `JOB\_TITLE` varchar(35) NOT NULL,

-> `MIN\_SALARY` decimal(6,0) DEFAULT NULL,

-> `MAX\_SALARY` decimal(6,0) DEFAULT NULL,

-> PRIMARY KEY (`JOB\_ID`)

-> ) ENGINE=MyISAM DEFAULT$$

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 [csd2204w18]> CREATE TABLE IF NOT EXISTS `jobs` (

-> `JOB\_ID` varchar(10) NOT NULL DEFAULT '',

-> `JOB\_TITLE` varchar(35) NOT NULL,

-> `MIN\_SALARY` decimal(6,0) DEFAULT NULL,

-> `MAX\_SALARY` decimal(6,0) DEFAULT NULL,

-> PRIMARY KEY (`JOB\_ID`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;$$

Query OK, 0 rows affected (0.47 sec)

MariaDB [csd2204w18]> INSERT INTO `jobs` (`JOB\_ID`, `JOB\_TITLE`, `MIN\_SALARY`, `MAX\_SALARY`) VALUES

-> ('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');$$

Query OK, 19 rows affected (0.00 sec)

Records: 19 Duplicates: 0 Warnings: 0

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

-> begin

-> select count(\*) from jobs where max\_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 'craete procedure job\_search(in salary int,out cntemp int)

begin

select count(\*) ' at line 1

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

-> begin

-> select count(\*) into cntemp from jobs where max\_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 'craete procedure job\_search(in salary int,out cntemp int)

begin

select count(\*) ' at line 1

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

-> begin

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

-> end$$

Query OK, 0 rows affected (0.08 sec)

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

Query OK, 0 rows affected (0.08 sec)

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\_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 (0.11 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 (0.01 sec)

Query OK, 0 rows affected (0.03 sec)

MariaDB [csd2204w18]> create procedure comp\_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';

-> endif;

-> 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 ';

end' at line 18

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 (0.53 sec)

MariaDB [csd2204w18]> call proc\_case(@c,1001)$$

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,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 table number(

-> n1 float(10,2)

-> $$

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 number(

-> n1 float(10,2)

-> )$$

Query OK, 0 rows affected (0.33 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 (0.19 sec)

MariaDB [csd2204w18]> call proc\_loop(3)$$

Query OK, 1 row affected (0.19 sec)

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

+------+

| n1 |

+------+

| 0.49 |

| 0.99 |

| 0.46 |

+------+

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 (0.08 sec)

MariaDB [csd2204w18]> call proc\_repeat(5)$$

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> select $sum $$

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

MariaDB [csd2204w18]> select @sum $$

+------+

| @sum |

+------+

| 6 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select @x $$

+------+

| @x |

+------+

| 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 (0.08 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]>