ASJID TAHIR 19p-0085 DATABASE LAB

Stored Procedures and Triggers:

```
XAMPP for Windows - mysql -u root
Copyright (c) 2000, 2018, 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
 19p0085_asjidtahir
 asjidtahir
 company
 form_registration
 information_schema
 mysql
 organization
 performance_schema
 phpmyadmin
 sales_co
 test
l2 rows in set (0.001 sec)
MariaDB [(none)]> use fb;
Database changed
MariaDB [fb]>
```

```
atabase changed
ariaDB [fb]> use sale_co;
RROR 1049 (42000): Unknown database 'sale_co'
ariaDB [fb]> use sales_co;
atabase changed
ariaDB [sales_co]>
ariaDB [sales_co]>
ariaDB [sales_co]>
 ariaDB [sales_co]> select * from product;
                                                                                 | P_ONHAND | P_MIN | P_PRICE | P_DISCOUNT | V_CODE
 P_CODE
             | P_DESCRIPT
                                                                 P_INDATE
              Power painter, 15 psi., 3-nozzle 7.25-in. pwr. saw blade 9.00-in. pwr. saw blade Hrd. cloth, 1/4-in., 2x50 Hrd. cloth, 1/2-in., 3x50 B&D jigsaw, 12-in. blade B&D jigsaw, 8-in. blade B&D condless drill 1/2-in
 11QER/31
                                                                  2003-11-03
 13-Q2/P2
                                                                  2003-12-13
                                                                                                               14.99
                                                                                                                                  0.05
                                                                                                                                             21344
 14-Q1/L3
                                                                  2003-11-13
                                                                                                               17.49
                                                                                                                                             21344
 1546-QQ2
                                                                  2004-01-04
                                                                                                               39.95
 1558-QW1
                                                                  2004-01-15
                                                                                                               43.99
                                                                                                                                             23119
                                                                                                                                      0
                                                                  2003-12-10
                                                                                                                                  0.05
 2232/QTY
                                                                                                              109.92
                                                                                                                                             24288
2232/QWE
                                                                  2003-12-24
                                                                                                               99.87
                                                                                                                                  0.05
                                                                                                                                             24288
               B&D cordless drill, 1/2-in.
                                                                                                                                  0.05
2238/QPD
                                                                  2004-01-20
                                                                                                                38.95
 23109-HB
               Claw hammer
                                                                  2004-01-20
                                                                                                      10
                                                                                                                 9.95
                                                                                                                                   0.1
               Sledge hammer, 12 lb.
Rat-tail file, 1/8-in. fine
 23114-AA
                                                                  2004-01-20
                                                                                                                 14.4
                                                                                                                                  0.05
                                                                                                                                              NULL
 54778-2T
                                                                  2003-12-15
                                                                                                      20
                                                                                                                 4.99
                                                                                                                                             21344
 89-WRE-Q
               Hicut chain saw, 16 in.
                                                                  2004-02-17
                                                                                                              256.99
                                                                                                                                  0.05
                                                                                                                                             24288
               PVC pipe, 3.5-in., 8-ft
1.25-in. metal screw, 25
 PVC23DRT
                                                                  2004-02-20
                                                                                          188
                                                                                                                 5.87
                                                                                                                                             NULL
                                                                  2004-03-01
 SM-18277
                                                                                                                 6.99
               2.5-in. wd. screw, 50 |
Steel matting, 4'x8'x1/6", .5" mesh |
 SW-23116
                                                                  2004-02-24
                                                                                                                8.45
                                                                                                                                      0
                                                                                                     100
                                                                  2004-01-07
                                                                                                              119.95
                                                                                                                                   0.1
                                                                                                                                             25595
 WR3/TT3
                                                                                           18
5 rows in set (0.001 sec)
```

_	les_co]> select * from product						
->							
->							
->							
->							
->							
-> ;							
P CODE	P DESCRIPT	P INDATE	P ONHAND	P MTN	P PRTCE	P_DISCOUNT	V CODE I
		+		+		+	++
11QER/31	Power painter, 15 psi., 3-nozzle	2003-11-03	8	5	109.99	0	25595
13-Q2/P2	7.25-in. pwr. saw blade	2003-12-13	32	15	14.99	0.05	21344
14-Q1/L3	9.00-in. pwr. saw blade	2003-11-13	18	12	17.49	0	21344
1546-QQ2	Hrd. cloth, 1/4-in., 2x50	2004-01-04	15	8	39.95	0	23119
1558-QW1	Hrd. cloth, 1/2-in., 3x50	2004-01-15	23	5	43.99	0	23119
2232/QTY	B&D jigsaw, 12-in. blade	2003-12-10	8	5	109.92	0.05	24288
2232/QWE	B&D jigsaw, 8-in. blade	2003-12-24	6	5	99.87	0.05	24288
2238/QPD	B&D cordless drill, 1/2-in.	2004-01-20	12	5	38.95	0.05	25595
23109-HB	Claw hammer	2004-01-20	23	10	9.95	0.1	21225
23114-AA	Sledge hammer, 12 lb.	2004-01-20	8	5	14.4	0.05	NULL
54778-2T	Rat-tail file, 1/8-in. fine	2003-12-15	43	20	4.99	0	21344
89-WRE-Q	Hicut chain saw, 16 in.	2004-02-17	11	5	256.99	0.05	24288
PVC23DRT	PVC pipe, 3.5-in., 8-ft	2004-02-20	188	75	5.87	0	NULL
SM-18277	1.25-in. metal screw, 25	2004-03-01	172	75	6.99	0	21225
SW-23116	2.5-in. wd. screw, 50	2004-02-24	237	100	8.45	0	21231
WR3/TT3	Steel matting, 4'x8'x1/6", .5" mesh	2004-01-07	18	5	119.95	0.1	25595
+		2004 02 24		+	+	· · · · · · · · · · · · · · · · · · ·	++

DELIMETER:

```
MariaDB [sales_co]> delimiter $$
MariaDB [sales_co]> select * from product
     -> $$
                                                                    | P_INDATE | P_ONHAND | P_MIN | P_PRICE | P_DISCOUNT | V_CODE |
  P_CODE
              | P_DESCRIPT
  11QER/31 |
                 Power painter, 15 psi., 3-nozzle
                                                                      2003-11-03
                                                                                                                    109.99
                                                                                                                                                    25595
                Power painter, 15 psi., 3-nd
7.25-in. pwr. saw blade
9.00-in. pwr. saw blade
Hrd. cloth, 1/4-in., 2x50
Hrd. cloth, 1/2-in., 3x50
B&D jigsaw, 12-in. blade
B&D jigsaw, 8-in. blade
B&D cordless drill, 1/2-in.
                                                                      2003-12-13
2003-11-13
  13-Q2/P2
                                                                                                                     14.99
                                                                                                                                         0.05
                                                                                                                                                    21344
                                                                                                                                                    21344
  14-Q1/L3
                                                                                                18
                                                                                                                                            0
  1546-QQ2
1558-QW1
                                                                      2004-01-04
                                                                                                            8
                                                                                                                     39.95
                                                                                                                                             0
                                                                                                                                                    23119
                                                                      2004-01-15
                                                                                                                     43.99
                                                                                                                                             0
                                                                                                                                                    23119
                                                                      2003-12-10
                                                                                                                    109.92
                                                                                                                                         0.05
  2232/QTY
                                                                                                                                                    24288
                                                                      2003-12-24
                                                                                                                     99.87
  2232/0WE
                                                                                                                                         0.05
                                                                                                                                                    24288
                                                                      2004-01-20
  2238/QPD
                                                                                                                     38.95
                                                                                                                                         0.05
                                                                                                                                                    25595
  23109-HB
                                                                      2004-01-20
                                                                                                           10
                                                                                                                       9.95
                 Claw hammer
                                                                                                                                         0.1
  23114-AA
                 Sledge hammer, 12 lb.
                                                                      2004-01-20
                                                                                                                       14.4
                                                                                                                                         0.05
                                                                                                           20
5
  54778-2T
                 Rat-tail file, 1/8-in. fine
                                                                      2003-12-15
                                                                                                                                                    21344
  89-WRE-Q
                 Hicut chain saw, 16 in.
                                                                      2004-02-17
                                                                                                                    256.99
                                                                                                                                         0.05
                                                                                                                                                    24288
                PVC pipe, 3.5-in., 8-ft | 2004-02-20 | 1.25-in. metal screw, 25 | 2004-03-01 | 2.5-in. wd. screw, 50 | 2004-02-24 | Steel matting, 4'x8'x1/6", .5" mesh | 2004-01-07
  PVC23DRT
                                                                                                                       5.87
  SM-18277
                                                                                                                       6.99
  SW-23116
                                                                                                          100
                                                                                                                       8.45
                                                                                                                                          0.1
                                                                                                                    119.95
  WR3/TT3
                                                                                                18
                                                                                                                                                    25595
16 rows in set (0.000 sec)
```

```
MariaDB [sales_co]> DELIMITER $$
MariaDB [sales_co]> CREATE PROCEDURE my_procedure_Local_Variables()
    -> BEGIN /* declare local variables */
    -> DECLARE a INT DEFAULT 10;
    -> DECLARE b, c INT; /* using the local variables */
    -> SET a = a + 100;
    -> SET b = 2;
    -> SET c = a + b;
    -> BEGIN /* local variable in nested block */
    -> DECLARE c INT;
    \rightarrow SET c = 5;
    -> /* local variable c takes precedence over the one of the
   /*> same name declared in the enclosing block. */
    -> SELECT a, b, c;
   -> END;
    -> SELECT a, b, c;
    -> END$$
Query OK, 0 rows affected (0.008 sec)
MariaDB [sales_co]> DELIMITER ;
MariaDB [sales_co]> CALL my_procedure_Local_Variables();
       | b
  110
           2
                   5 I
1 row in set (0.001 sec)
       b
            2 | 112 |
1 row in set (0.009 sec)
Query OK, 0 rows affected (0.017 sec)
MariaDB [sales_co]>
```

```
MariaDB [sales_co]> DELIMITER $$
MariaDB [sales_co]> CREATE PROCEDURE my_proc_IN (IN var1 INT)
    -> BEGTN
    -> SELECT * FROM PRODUCT where P_ONHAND = var1;
    -> END$$
Query OK, 0 rows affected (0.007 sec)
MariaDB [sales_co]> DELIMITER ;
MariaDB [sales_co]> call my_proc_IN(8);
 P_CODE | P_DESCRIPT
                                                   | P_INDATE | P_ONHAND | P_MIN | P_PRICE | P_DISCOUNT | V_CODE |
 11QER/31 | Power painter, 15 psi., 3-nozzle | 2232/QTY | B&D jigsaw, 12-in. blade | 23114-AA | Sledge hammer, 12 lb.
                                                      2003-11-03
                                                                                           109.99
                                                                                                                     25595
                                                                                                            0.05
                                                      2003-12-10
                                                                            8
                                                                                           109.92
                                                                                                                     24288
                                                     2004-01-20
                                                                                             14.4
                                                                                                            0.05
                                                                                                                      NULL
3 rows in set (0.001 sec)
```