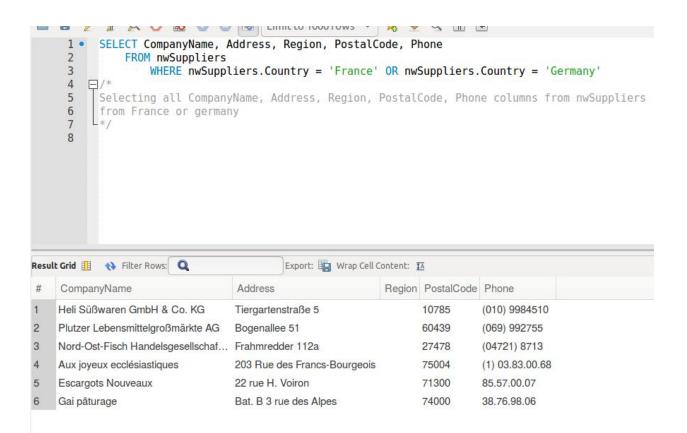
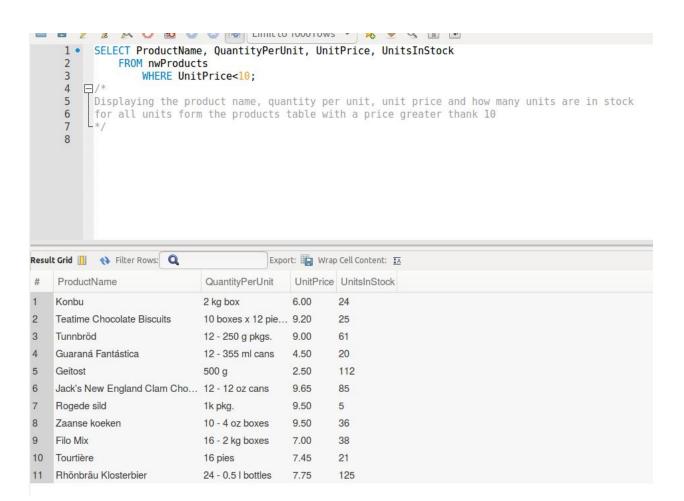
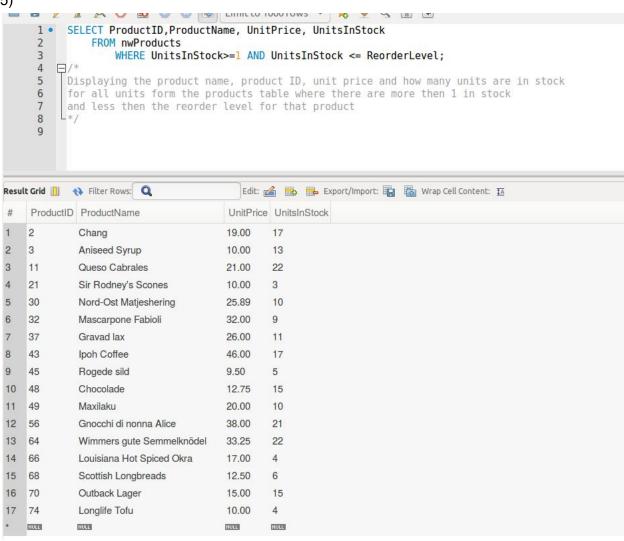
```
1)
             SELECT *
       1 .
                  FROM nwCategories
       2
       3
       4
             Selecting all columns from table nwCategories
       5
            L*/
       6
Result Grid
             N Filter Rows: Q
                                                  Edit: 🔏 🗒 Export/Import: 📳
      CategoryID CategoryName Description
 #
     1
                 Beverages
                                Soft drinks, coffees, teas, beers, an...
                 Condiments
 2
     2
                                Sweet and savory sauces, relishes, ...
 3
     3
                 Confections
                                Desserts, candies, and sweet breads
 4
     4
                 Dairy Products Cheeses
                 Grains/Cereals Breads, crackers, pasta, and cereal
 5
     5
 6
     6
                 Meat/Poultry
                                Prepared meats
                 Produce
     7
                                Dried fruit and bean curd
 8
     8
                 Seafood
                                Seaweed and fish
     NULL
                 NULL
                               NULL
```

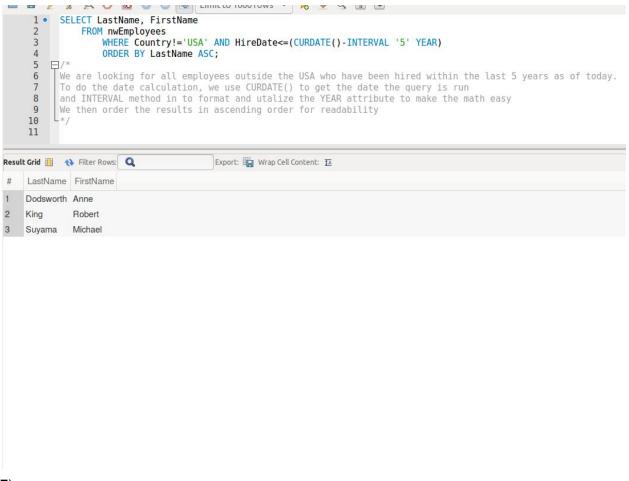


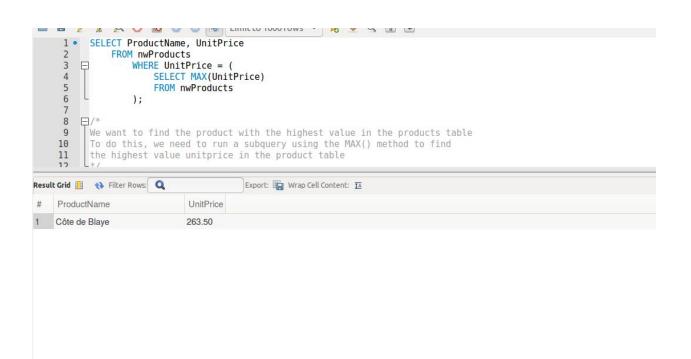
3) LIIIIL CO TOUOTOWS T PO Y S III SELECT ContactName, ContactTitle 2 FROM nwSuppliers WHERE nwSuppliers.SupplierID >= 5 AND nwSuppliers.SupplierID <= 20 3 4 5 Selecting the contact name and contact title from nwSuppliers having a SupplierID between 5 and 20 6 7 8 Result Grid 🔢 🙌 Filter Rows: 🔍 Export: Wrap Cell Content: IA # CompanyName Address Region PostalCode Phone Heli Süßwaren GmbH & Co. KG Tiergartenstraße 5 (010) 9984510 10785 2 Plutzer Lebensmittelgroßmärkte AG Bogenallee 51 60439 (069) 992755 3 27478 Nord-Ost-Fisch Handelsgesellschaf... Frahmredder 112a (04721) 8713 4 Aux joyeux ecclésiastiques 203 Rue des Francs-Bourgeois 75004 (1) 03.83.00.68 Escargots Nouveaux 22 rue H. Voiron 71300 85.57.00.07 Gai pâturage Bat. B 3 rue des Alpes 74000 38.76.98.06

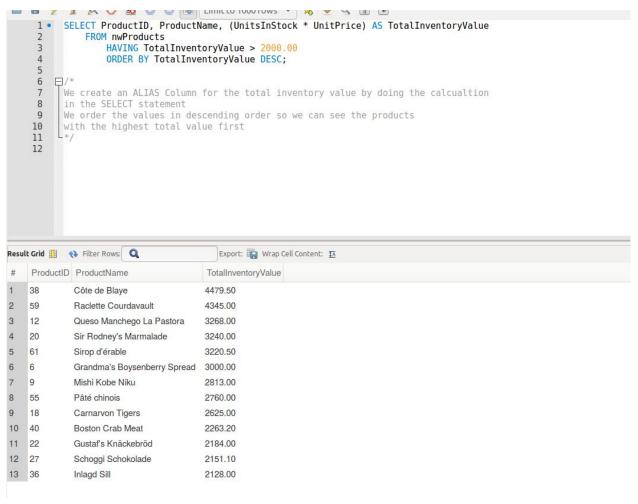


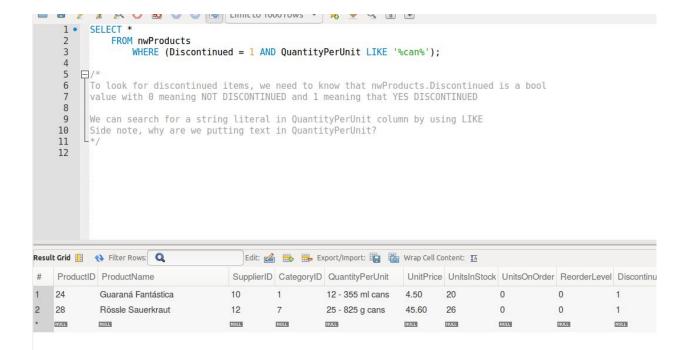




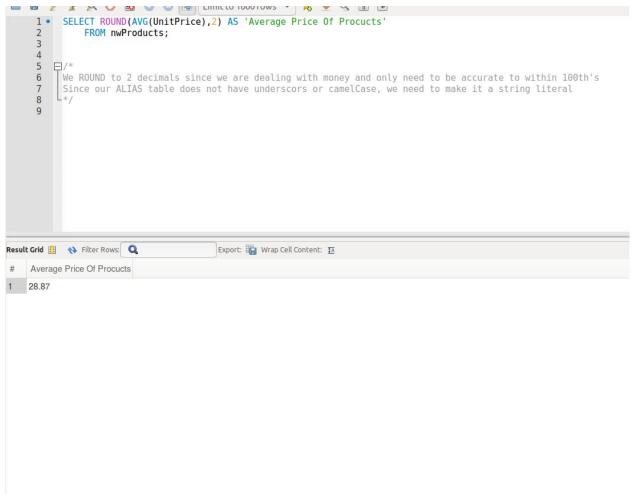


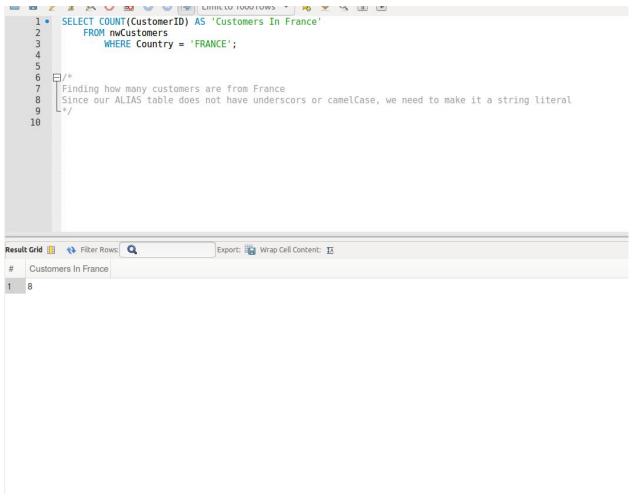


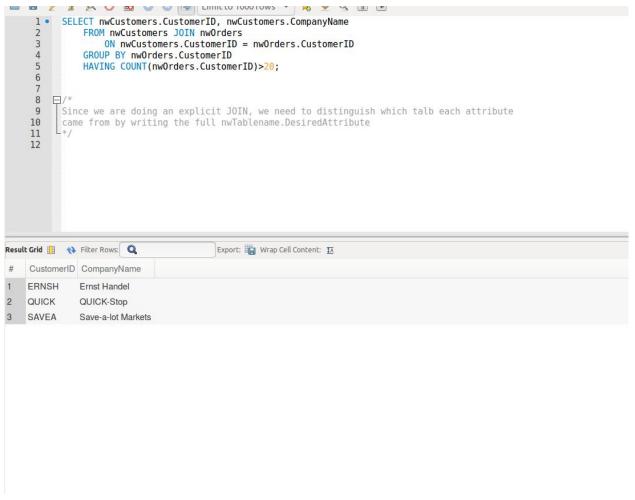


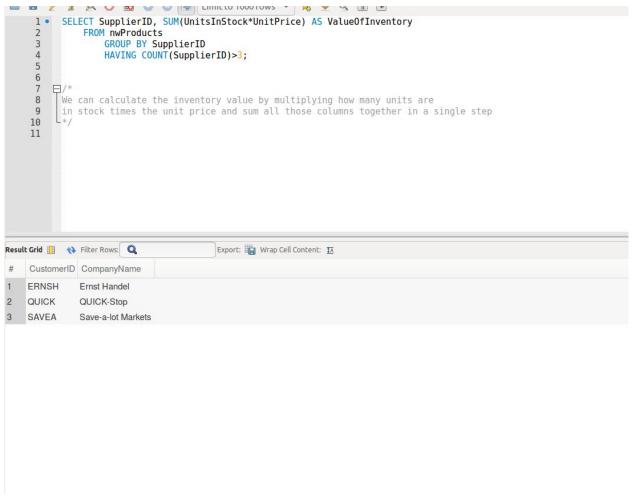


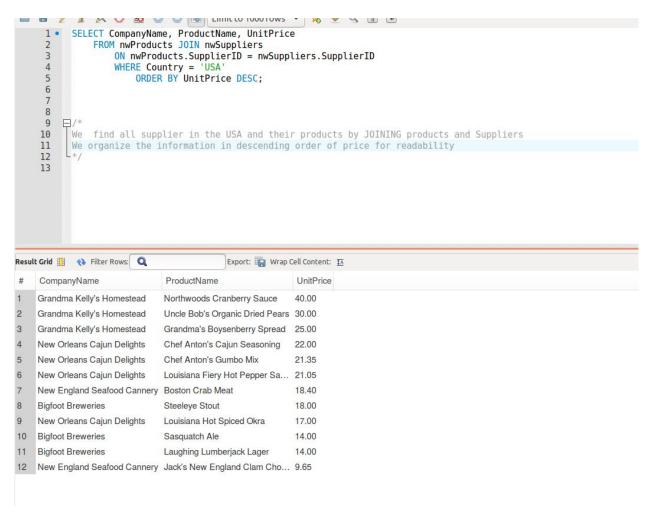
```
LIIIILLU IOUOTOWS T NO W S III E
      1 • SELECT DISTINCT(ShipCountry), COUNT(OrderID) AS Orders
      2 3
                 FROM nwOrders
                      WHERE ShipCountry!='USA' AND ShippedDate BETWEEN '2013-09-01'AND '2013-09-31' GROUP BY ShipCountry ASC;
      4
         We filter all duplicate countries by using the DISTINCT() method and use a simple BETWEEN (string value date 1) AND (string value date 2) to find all queries between that date range
      6
      8
     10
Result Grid 🔠 🙌 Filter Rows: 🔍
                                                Export: Wrap Cell Content: 🔼
#
    ShipCountry Orders
     Brazil
2
     France
3
     Germany
                1
4
     Ireland
                 1
     Italy
                 2
6
     Mexico
                 3
                 2
     Spain
                 1
9 Venezuela 1
```

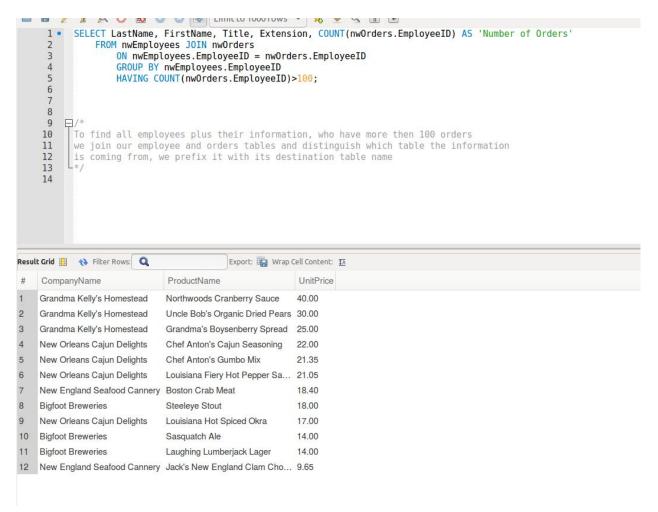


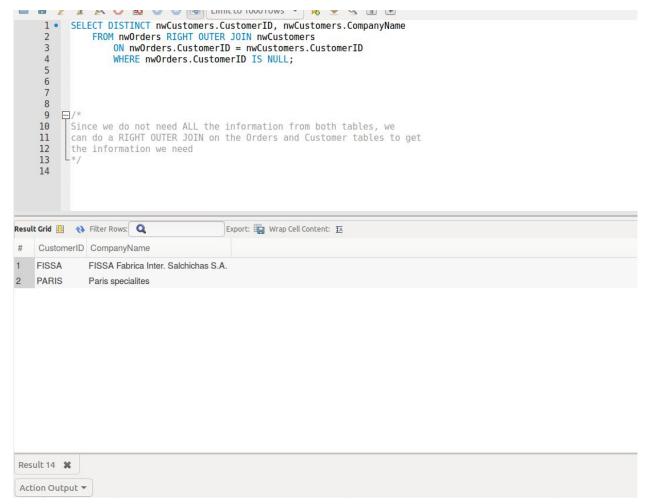








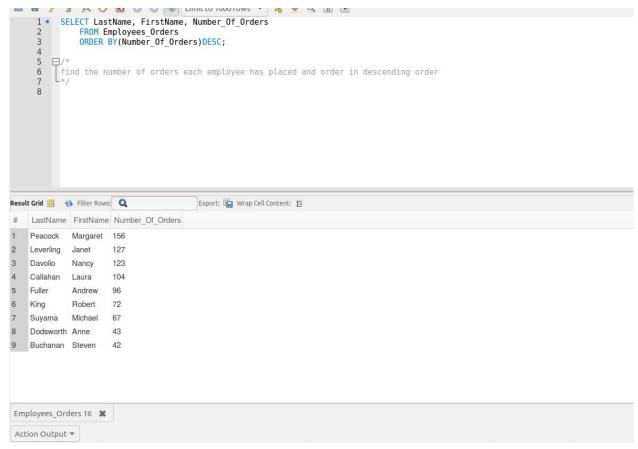




```
□/*Create an OUT OF STOCK LIST showing the Supplier CompanyName, Supplier ContactName,
          Product CategoryName, CategoryDescription, ProductName and UnitsOnOrder for all products that are out of stock (UnitsInStock = 0). (5)*/
      3
           SELECT nwSuppliers.CompanyName, nwSuppliers.ContactName, nwCategories.CategoryName, nwCategories.Description,
                     nwProducts.ProductName, nwProducts.UnitsOnOrder
                 FROM nwProducts, nwSuppliers, nwCategories
                     WHERE (nwProducts.CategoryID = nwCategories.CategoryID)
                          AND (nwSuppliers.SupplierID = nwProducts.SupplierID)
      8
Result Grid 🎚 🙌 Filter Rows: 🔍
                                              Export: Wrap Cell Content: IA
    CompanyName
                                    ContactName
                                                     CategoryName Description
                                                                                                    ProductName
                                                                                                                                  UnitsOnOrder
    New Orleans Cajun Delights
                                    Shelley Burke
                                                     Condiments
                                                                   Sweet and savory sauces, relishes, ... Chef Anton's Gumbo Mix
                                                                                                                                  0
    Pavlova Ltd.
                                    Ian Devling
                                                     Meat/Poultry
                                                                   Prepared meats
                                                                                                    Alice Mutton
                                                                                                                                  0
    Plutzer Lebensmittelgroßmärkte AG Martin Bein
                                                    Meat/Poultry
                                                                   Prepared meats
                                                                                                    Thüringer Rostbratwurst
                                                                                                                                  0
    Formaggi Fortini s.r.l.
                                                    Dairy Products Cheeses
                                    Elio Rossi
                                                                                                    Gorgonzola Telino
                                                                                                                                  70
   G'day Mate
                                    Wendy Mackenzie Meat/Poultry Prepared meats
                                                                                                    Perth Pasties
                                                                                                                                  0
```

19) I 🔑 🗸 🚾 🚾 Lillille co 1000 10WS 🔻 🅦 💆 🥦 🔟 🖭 SELECT nwProducts.ProductName, nwSuppliers.CompanyName AS 'Supplier Name', nwSuppliers.Country, nwProducts.UnitsInStock FROM nwProducts, nwSuppliers WHERE (nwProducts.QuantityPerUnit LIKE('%bottle%')) 3 4 AND nwProducts.SupplierID = nwSuppliers.SupplierID; 5 6 8 9 早/* Since we are trying to locate items based on a string again, we need to use the LIKE method again Here, we are doing an implicit JOIN by simply stating the two tables we are selecting from without actually explicitly joining them on their key 10 11 12 13 14 Export: 📳 Wrap Cell Content: 🏗 CustomerID CompanyName FISSA FISSA Fabrica Inter. Salchichas S.A. 2 PARIS Paris specialites Result 14 💥 Action Output ▼

```
Z Z PA V W W W LIMITUU 1000 10WS T PA Z S III E
      1 • □SELECT nwCustomers.CompanyName, nwCustomers.Country, CAST(SUM((nwOrderDetails.UnitPrice * nwOrderDetails.Quantity) -
                    nwOrderDetails.Discount*nwOrderDetails.UnitPrice*nwOrderDetails.Quantity) AS DECIMAL(9,2)) AS Value
                 FROM nwCustomers JOIN nwOrders
      4
                     ON nwOrders.CustomerID = nwCustomers.CustomerID
                     JOIN nwOrderDetails
                          ON nwOrderDetails.OrderID = nwOrders.OrderID
                         GROUP BY(nwCustomers.CustomerID)
HAVING(Value)>30000
      8 9
                         ORDER BY(Value) DESC;
      10
      11
      12
           Here we need to be very carerful since there is a lot going on We ahve a double JOIN (indented for readability) and we calcualte the full price of the products in our select statement by summing the unitprice times the quantity of the order less the FULL numeric discount value. We then sort on a dollar value constraint and order in descending order for readability
     13
     14
     15
      16
Result Grid 🎚 🙌 Filter Rows: 🔾
                                           Export: Wrap Cell Content: IA
    CompanyName Country Value
    QUICK-Stop
                             Germany 110277.31
2 Ernst Handel
                            Austria 104874.98
    Save-a-lot Markets
                            USA 104361.95
3
    Rattlesnake Canyon Grocery USA
                                      51097.80
    Hungry Owl All-Night Grocers Ireland 49979.91
    Hanari Carnes
                      Brazil 32841.37
7 Koniglich Essen
                            Germany 30908.38
 Result 15 💥
 Action Output ▼
21)
∄/*Create an "Employees Orders" VIEW listing employee lastname, firstname, and the total
 count of each employee's orders. (No answer set needed.)
  Run a query against the Employee Orders view listing the employees and their order counts in
 order from largest to smallest number of orders. (9 rows, one for each employee.)*/
  CREATE OR REPLACE VIEW Employees Orders AS
  SELECT nwEmployees.LastName, nwEmployees.FirstName, COUNT(nwOrders.EmployeeID) AS 'Number Of Orders'
       FROM nwEmployees JOIN nwOrders
       ON nwEmployees.EmployeeID = nwOrders.EmployeeID
       GROUP BY nwEmployees.EmployeeID;
```



```
DROP TABLE IF EXISTS TOP Items;

2 * CICKENTE TABLE TOP Items(

1 trendod INT NOT NULL,

1 trendod INT NOT NULL,

5 trendod INT NOT NULL,

6 inventoryDate DATE NOT NULL,

8 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

2 trendouncity INT NOT NULL,

4 trendouncity INT NOT NULL,

5 trendouncity INT NOT NULL,

6 trendouncity INT NOT NULL,

7 trendouncity INT NOT NULL,

8 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

2 trendouncity INT NOT NULL,

3 trendouncity INT NOT NULL,

4 trendouncity INT NOT NULL,

5 trendouncity INT NOT NULL,

6 intendouncity INT NOT NULL,

7 trendouncity INT NOT NULL,

8 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

2 trendouncity INT NOT NULL,

3 trendouncity INT NOT NULL,

4 trendouncity INT NOT NULL,

5 trendouncity INT NOT NULL,

6 intendouncity INT NOT NULL,

6 intendouncity INT NOT NULL,

7 trendouncity INT NOT NULL,

8 trendouncity INT NOT NULL,

9 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

1 trendouncity INT NOT NULL,

2 trendouncity INT NOT NULL,

2 trendouncity INT NOT NULL,

3 trendouncity INT NOT NULL,

4 trendouncity INT NOT NULL,

5 trendouncity INT NOT NULL,

6 trendouncity INT NOT NULL,

6 trendouncity INT NOT NULL,

6 trendouncity INT NOT NULL,

7 trendouncity INT NOT NULL,

8 trendouncity INT NOT NULL,

9 trendouncity INT NOT NULL,

1 trendounci
```

```
EIIIIIC TO TOUCH TOWS Y NO Y SEE THE PERSON OF THE PERSON 
             1 • INSERT INTO Top_Items(ItemID, ItemCode, ItemName, InventoryDate, ItemQuantity, ItemPrice, SupplierId)
                                      SELECT nwProducts.ProductID, nwProducts.ProductID, nwProducts.ProductName, CURDATE(), nwProducts.UnitsInStock, nwProducts.UnitPrice, nwProducts.SupplierID
               2
               4
                                        FROM nwProducts
                                                  HAVING(nwProducts.UnitPrice*nwProducts.UnitsInStock)>2500;
               6 7 •
                                       SELECT *
               8 9
                                                  FROM Top_Items;
            10
                          Populating the new Top_Items table with items their corresponding information from our Products table with an inventory value (Unitprice * units in stock)
            11
            12
                          more then $2500
*/
            13
            14
            15
Result Grid 🎚 🙌 Filter Rows: 🔾
                                                                                                            Edit: 🔏 🖶 Export/Import: 📳 📸 Wrap Cell Content: 🟗
            ItemId ItemCode ItemName
                                                                                                                  InventoryDate SupplierId ItemQuantity ItemPrice
1
                                                Grandma's Boysenberry Spread 2018-03-11 3
          6
                                                                                                                                                               120
                                                                                                                                                                                                    25.00
                          6
                                                                                                                                                                  29
2
          9
                         9
                                               Mishi Kobe Niku
                                                                                                 2018-03-11 4
                                                                                                                                                                                                    97.00
                                                                                                                                                                86
3
          12
                         12
                                              Queso Manchego La Pastora 2018-03-11 5
                                                                                                                                                                                                    38.00
                                                                                                            2018-03-11 7
4
          18
                                                                                                                                                                      42
                         18
                                               Carnarvon Tigers
                                                                                                                                                                                                    62.50
5
          20
                          20
                                                Sir Rodney's Marmalade
                                                                                                                 2018-03-11 8
                                                                                                                                                                       40
                                                                                                                                                                                                    81.00
6
          38
                         38
                                                Côte de Blaye
                                                                                                                2018-03-11 18
                                                                                                                                                                       17
                                                                                                                                                                                                    263.50
                                               Pâté chinois

Raclette Courdavault 2018-03-11 29

2018-03-11 29
                                                                                                                2018-03-11 25
          55
                       55
                                                                                                                                                                       115
                                                                                                                                                                                                    24.00
8
         59
                       59
                                                                                                                                                                       79
                                                                                                                                                                                                    55.00
9 61 61
                                                                                                                                                                      113
                                                                                                                                                                                                    28.50
                                                                                                                                           NULL
 * NULL NULL
                                               NULL
                                                                                                                 NULL
                                                                                                                                                                                                   NULL
 Top_Items 17 💥
  Action Output ▼
```

```
LIIIIL LO 1000 TOWS T NO W W G
     1 • SET SQL SAFE UPDATES = 0;
2 • DELETE FROM Top Items
3  WHERE Top Items.SupplierId = ANY(
4  SELECT nwSuppliers.SupplierID
5  FROM nwSuppliers
                       WHERE nwSuppliers.Country = 'Canada'
      6 7 8 9
          SET SQL_SAFE_UPDATES = 0; is used to allow me to delete from a table without querying on a primary key
         早/*
     10
          other then that, we perform a subquery to find suppliers from Canada and remove them from our Top_Items table based on their SupplierId */
     11
     12
     13
     14
 Action Output ▼
26)
            ₽/* Add a new column to the Top Items table called InventoryValue ((decimal (9,2))) after the
        1
        2
             inventory date. No answer set needed.
        3
              ALTER TABLE Top Items
        4 •
        5
                    ADD COLUMN InventoryValue decimal (9,2) AFTER InventoryDate;
        6
        8 •
              SELECT *
        9
                   FROM Top_Items;
       10
       11
       12
       13
       14
 Result Grid 🎚 🙌 Filter Rows: 🔾
                                                   Edit: 🔏 📙 Export/Import: 🏣 📸 Wrap Cell Content: 🏗
  # ItemID ItemCode ItemName
                                                       InventoryDate InventoryValue SupplierID ItemQuantity ItemPrice
                        Grandma's Boysenberry Spread 2018-03-03
                                                                                               120
                                                                                                            25.00
  Top_Items 24 💥
```

```
1 • SET SQL_SAFE_UPDATES = 0;
     2 • UPDATE Top_Items
3 SET InventoryValue = (ItemPrice*ItemQuantity);
    6
7
8
9
10
11
              FROM Top_Items;
        SFT SQL_SAFE_UPDATES = 0; is used to allow me to update from a table without querying on a primary key
*/
 Action Output ▼
28)
         8 •
               SELECT *
         9
                    FROM Top_Items;
        10
        11
        12
        13
ıp
        14
  Result Grid 🏥 🙌 Filter Rows: 🔾
                                                  Edit: 🕍 🛗 Export/Import: 📳 📸 Wrap Cell Content: 🏗
       ItemID ItemCode ItemName
                                                     InventoryDate InventoryValue SupplierID ItemQuantity ItemPrice
  1
                        Grandma's Boysenberry Spread 2018-03-03
                                                                  3000.00
                                                                                           120
                                                                                                       25.00
  2
       9
              9
                        Mishi Kobe Niku
                                                     2018-03-03
                                                                  2813.00
                                                                                 4
                                                                                           29
                                                                                                       97.00
  3
                        Queso Manchego La Pastora
                                                     2018-03-03
                                                                  3268.00
                                                                                           86
                                                                                                       38.00
       12
              12
                                                                                 5
  4
       18
              18
                        Carnarvon Tigers
                                                     2018-03-03
                                                                  2625.00
                                                                                 7
                                                                                           42
                                                                                                       62.50
  5
       20
              20
                        Sir Rodney's Marmalade
                                                     2018-03-03
                                                                  3240.00
                                                                                 8
                                                                                           40
                                                                                                       81.00
       38
              38
                        Côte de Blaye
                                                     2018-03-03
                                                                  4479.50
                                                                                           17
                                                                                                       263.50
                                                     2018-03-03
       59
              59
                        Raclette Courdavault
                                                                  4345.00
                                                                                 28
                                                                                           79
                                                                                                       55.00
              NULL
                        NULL
                                                                                           NULL
                                                                                                       NULL
                                                     NULL
                                                                  NULL
                                                                                 NULL
       NULL
```

DROP TABLE Top_items;