SQL Exercises

***https://www.w3schools.com/sql/trysql.asp?filename=trysql\_desc***

1. Show all rows for Customers

SELECT \* FROM Customers;

1. Show only Contact name information for Customers

SELECT ContactName FROM Customers;

1. Show all unique combinations between Cities and Countries for the customers

SELECT DISTINCT City, Country FROM Customers;

1. Insert 3 new Customers

INSERT INTO Customers VALUES ('92','NewcustomerName1','NewContactName1','NewAddress1','NewCity1','1404','NewCountry1');

INSERT INTO Customers VALUES ('93','NewcustomerName2','NewContactName2','NewAddress2','NewCity2','5800', 'NewCountry2');

INSERT INTO Customers VALUES ('94','NewcustomerName3','NewContactName3','NewAddress3','NewCity3','1400', 'NewCountry3');

1. Move all orders made by Andrew Fuller to Nancy Davolio

SELECT EmployeeID FROM Employees WHERE FirstName='Nancy' AND LastName='Davolio';

SELECT EmployeeID FROM Employees WHERE FirstName='Andrew' AND LastName='Fuller';

UPDATE Orders SET EmployeeID=1 WHERE EmployeeId=2;

1. Group all products by category and show category name

SELECT Products.ProductName, Categories.CategoryName FROM Products INNER JOIN Categories ON Products.CategoryID=Categories.CategoryID ORDER BY Products.CategoryID;

1. Sort all employees by Last Name and delete the last one. Do not remember(?FORGET beforehand?) to move all his/her orders to another colleague

SELECT \* FROM Employees ORDER BY LastName;

UPDATE Orders SET EmployeeID = 6 WHERE EmployeeID = 10;

DELETE FROM Employees WHERE EmployeeID = 10;

1. Show all customers without orders

SELECT CustomerName FROM Customers LEFT JOIN Orders ON Customers.CustomerID=Orders.CustomerID WHERE Orders.CustomerID IS NULL

1. Show all products including 'ch' in its name with price between 10 and 20

SELECT \* FROM Products WHERE ProductName LIKE '%ch%' AND (Price BETWEEN 10 AND 20);

1. Group all products from 9 by category and sort by count in descending order

SELECT CategoryID, ProductID FROM Products WHERE ProductID>=9

GROUP BY CategoryID ORDER BY CategoryID DESC;