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 (CustomerName, ContactName, Address, City, PostalCode, Country)**

**values ('Denislav Zlatanov','Denislav Georgiev','Dragan Tsankov str.8','Sofia','6500','Bulgaria'),**

**('Ivan Georgiev','Ivan Georgiev','Lozica str.8','Plovdiv','6500','Bulgaria'),**

**('Georgi Ivanov','Georgi Ivanov','Hr.Botev str.9','Plovdiv','6500','Bulgaria');**

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

**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**

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

**select \* from employees**

**order by lastname**

**delete employeeid=10**

**where lastname='West'**

1. Show all customers without orders

**select customers.customerid,customers.customername, orders.orderid**

**from customers**

**left join orders**

**on customers.customerid=orders.customerid**

**where orders.orderid is null**

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

**SELECT \* FROM [Products]**

**where price between 10 and 20**

**and productname like '%ch%'**

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

**SELECT \* FROM [Products]**

**where price between 10 and 20**

**and productname like '%ch%'**

**group by categoryid**

**order by count() desc**