SQL Exercises

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

1. Show all rows for Customers

SELECT \* FROM Customers

ORDER BY CustomerName

1. Show only Contact name information for Customers

SELECT ContactName FROM Customers

ORDER BY CustomerName

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

('Dimitar Ivanov', 'Dimitar', 'Smolni 10', 'Pleven', '1002', 'Bulgaria')

insert into customers

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

values

('Petar Todorov', 'Petar', 'Smolni 20', 'Pleven', '1008', 'Bulgaria')

insert into customers

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

values

('Petar Ivanov', 'Petar', 'Smolni 30', 'Pleven', '1010', 'Bulgaria')

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

????Тука не ми се получава командата не разбирам какъв е проблема

update Orders

set OrderID='10248', OrderDate='1996-07-04'

where CustomerID='84';

Error 1: could not execute statement due to a constraint failure (19 UNIQUE constraint failed: Orders.OrderID)

1. Group all products by category and show category name

SELECT ProductName FROM [Products]

group by 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

1. Show all customers without orders

SELECT \* FROM [Customers]

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 \* FROM [Products]

where ProductID >= '9'

group by CategoryID