

NAME: _____

CSE 3330

Homework #3 - 2/6/2020 11:59 PM

Given the schema of the w3schools.com online sample data, write the SQL to answer the following questions.

https://www.w3schools.com/sql/trysql.asp?filename=trysql_select_all

If the answer to the question is a number, that number is provided in parenthesis after the question.

1. What are the names of all the Shippers?
`SELECT ShipperName FROM Shippers;`
2. What is the total Quantity for Orders with OrderID 10309? (75)
`SELECT sum(Quantity) FROM OrderDetails WHERE OrderID=10309;`
3. How many Suppliers are there? (29)
`SELECT count(*) FROM Suppliers;`
4. How many Suppliers have a mailing address in Germany? (3)
`SELECT count(*) FROM Suppliers WHERE Country="Germany";`
5. How many Suppliers are there in each country?
`SELECT count(*),Country FROM Suppliers GROUP BY Country;`
6. Show a Distinct list of all EmployeeIDs and ShipperIDs from Orders.
`SELECT DISTINCT EmployeeID,ShipperID FROM Orders;`
7. What is the first and last OrderDate? (1996-07-04 , 1997-02-12)
`SELECT min(OrderDate),max(OrderDate) FROM Orders;`
8. What are all the Orders that happened in 1997 and the ShipperID is 1?
`SELECT * FROM Orders WHERE YEAR(OrderDate)=1997 AND ShipperID=1;`
9. What is the minimum price for each CategoryID?
`SELECT min(Price),CategoryID FROM Products GROUP BY CategoryID;`
10. What is the minimum price for each CategoryID assuming the SupplierID is less than 10?
`SELECT min(Price),CategoryID FROM Products WHERE SupplierID<=10
GROUP BY CategoryID;`