

INF230/Assignment_3/Assignment3.sql

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1 #Group number: G05_Tues_10
2 #Group members: Peder Ørmen Bukaasen, Mohammed Idris Omar, Bård Tollef Pedersen.
3
4 --@block Task 1
5 SELECT COUNT(*) AS "Total Number of Orders" FROM Orders;
6
7 --@block Task 2
8 SELECT *
9 FROM Products
10 WHERE ProductName LIKE '%ra'
11 ORDER BY ProductName DESC;
12
13 --@block Task 3
14 SELECT ProductID, ProductName, QuantityPerUnit
15 FROM Products
16 WHERE QuantityPerUnit LIKE '%500 g%'
17 ORDER BY ProductID DESC;
18
19 --@block Task 4
20 SELECT ContactName
21 FROM Customers
22 WHERE
23 ContactName LIKE 'M%' OR
24 ContactName LIKE 'N%' OR
25 ContactName LIKE 'O%' OR
26 ContactName LIKE 'P%' OR
27 ContactName LIKE 'Q%' OR
28 ContactName LIKE 'R%' OR
29 ContactName LIKE 'S%'
30 AND City != 'México D.F.'
31 ORDER BY ContactName;
32
33 --@block Task 5
34 SELECT COUNT(*) AS "Number of Customers Without Fax"
35 FROM Customers
36 WHERE Fax IS NULL;
37
38 --@block Task 6
39 SELECT AVG(UnitPrice) AS "Average UnitPrice"
40 FROM Products
41 WHERE SupplierID = (SELECT SupplierID FROM Suppliers WHERE CompanyName = 'Karkki Oy');
42
43 --@block Task 7
44 SELECT SUM(Freight) AS "Total Freight"
45 FROM Orders
46 WHERE CustomerID LIKE 'B%S';
47
48 --@block Task 8
49 SELECT COUNT(OrderID) AS "Number of Orders", AVG(Quantity) AS "Average Quantity"
50 FROM OrderDetails;
51
52 --@block Task 9
53 SELECT COUNT(DISTINCT ProductID) AS "Number of Product Types"
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54 FROM OrderDetails
55 WHERE (ProductID LIKE '4%' OR ProductID LIKE '%3');
56
57 --@block Task 10
58 SELECT SUM(UnitsInStock) AS "Total Stock"
59 FROM Products
60 WHERE (ProductID LIKE '4%' OR ProductID LIKE '%3');
61
62 --@block Task 11
63 SELECT DISTINCT CustomerID
64 FROM Orders
65 WHERE ShipVia = 3 AND ShipName LIKE 'R%' AND CustomerID LIKE '%C';
66
67 --@block Task 12
68 SELECT FirstName, LastName
69 FROM Employees
70 WHERE HireDate < '1994-01-01' AND Title LIKE '%Representative%' AND PostalCode LIKE '%3';
71
72 --@block Task 13
73 SELECT EmployeeID, CustomerID
74 FROM Orders
75 WHERE CustomerID LIKE 'BO_t%' OR CustomerID LIKE 'BO_i%'
76 AND Freight > 50;
77
78 --@block Task 14
79 SELECT E.EmployeeID, E.LastName, O.CustomerID
80 FROM Employees E JOIN Orders O ON E.EmployeeID = O.EmployeeID
81 WHERE O.CustomerID LIKE 'BO_t%'
82 AND E.LastName LIKE '%LL%';
83
```