

INF230/Assignment_2/Assignment2.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 CustomerID, City, Address FROM customers ORDER BY CustomerID DESC;
6
7 --@block Task 2
8 SELECT * FROM Products WHERE UnitPrice <= 10 ORDER BY UnitPrice;
9
10 --@block Task 3
11 SELECT * FROM Products WHERE UnitPrice < 40 ORDER BY UnitPrice DESC LIMIT 5;
12
13 --@block Task 4
14 SELECT * FROM Products WHERE UnitPrice < 10 AND QuantityPerUnit <> '12 - 12 oz
cans' ORDER BY ProductName DESC;
15
16 --@block Task 5
17 SELECT ProductName, SupplierID, UnitPrice FROM Products ORDER BY SupplierID DESC,
UnitPrice;
18
19 --@block Task 6
20 SELECT MIN(Quantity) AS MinimumOrderedQuantity, MAX(Quantity) AS
MaximumOrderedQuantity FROM orderdetails;
21
22
23 --@block for task 7-14
24 CREATE TABLE departments (
25     DepartmentID int NOT NULL,
26     ManagerID int NOT NULL,
27     DepartmentName varchar(25),
28     PRIMARY KEY (DepartmentID)
29 );
30
31 --@block
32 SELECT * from departments;
33
34 --@block Task 7
35 INSERT INTO departments (DepartmentID, ManagerID, DepartmentName)
36 VALUES
37     (10, 11, 'Administration'),
38     (20, 12, 'Shipping'),
39     (30, 13, 'Purchasing'),
40     (40, 14, 'Sales');
41
42 --@block Task 8
43 INSERT INTO departments
44 VALUES
45     (50, 15, 'IT support'),
46     (60, 20, 'Legal and Compliance'),
47     (70, 14, 'Marketing'),
48     (80, 14, 'Finance');
49
50 --@block Task 9
51 UPDATE departments SET ManagerID = 40 WHERE DepartmentName = 'Marketing';
52
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53 --@block Task 10
54 UPDATE departments SET DepartmentName = NULL WHERE ManagerID = 14;
55
56 --@block Task 11
57 SELECT DepartmentName FROM departments WHERE DepartmentName IS NOT NULL;
58
59 --@block Task 12
60 SELECT * FROM departments WHERE DepartmentName IS NULL;
61
62 --@block Task 13
63 DELETE FROM departments WHERE ManagerID = 14;
64
65 --@block Task 14
66 DELETE FROM departments;
67
```