INF230/Assignment_4/Assignment4.sql

```sql
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 *
6   FROM Employees
7   WHERE EmployeeID IN (2, 5, 9);
8
9   --@block Task 2
10  SELECT *
11  FROM customers C
12      JOIN orders O ON C.CustomerID = O.CustomerID
13
14  --@block Task 3
15  SELECT O.OrderID,
16      C.ContactName
17  FROM customers C
18      JOIN orders O ON C.CustomerID = O.CustomerID;
19
20  --@block Task 4
21  SELECT C.ContactName,
22      C.Address,
23      C.City,
24      O.OrderDate
25  FROM customers C
26      JOIN orders O ON C.CustomerID = O.CustomerID
27  WHERE O.OrderDate = '1995-05-01';
28
29  --@block Task 5
30  SELECT P.ProductName,
31      S.CompanyName,
32      S.Country,
33      S.Phone
34  FROM products P
35      JOIN suppliers S ON S.SupplierID = P.SupplierID
36  ORDER BY S.Country DESC
37  LIMIT 25;
38
39  --@block Task 6
40  SELECT C.ContactName,
41      O.*
42  FROM customers C
43      LEFT JOIN orders O ON C.CustomerID = O.CustomerID
44  ORDER BY C.ContactName;
45
46  --@block Task 7
47  SELECT P.ProductName,
48      P.QuantityPerUnit,
49      OD.Quantity
50  FROM products P
51      JOIN orderdetails OD ON P.ProductID = OD.ProductID
52  WHERE OD.Quantity > 100;
53
54  --@block Task 8
```

```sql
SELECT O.EmployeeID,
    O.OrderID,
    C.ContactName,
    C.City
FROM orders O
    JOIN customers C on O.CustomerID = C.CustomerID
WHERE O.EmployeeID BETWEEN 3 AND 6
ORDER BY O.EmployeeID;

--@block Task 9
SELECT O.EmployeeID,
    CONCAT(E.FirstName, ' ', E.LastName) AS "Employee Name",
    O.OrderID,
    C.ContactName,
    C.City
FROM orders O
    JOIN customers C on O.CustomerID = C.CustomerID
    JOIN employees E on O.EmployeeID = E.EmployeeID
WHERE E.EmployeeID BETWEEN 1 AND 4
ORDER BY O.EmployeeID DESC;

--@block Task 10
SELECT O.OrderID,
    O.OrderDate,
    C.ContactName,
    C.PostalCode,
    E.EmployeeID,
    CONCAT(E.FirstName, ' ', E.LastName) AS "Employee Name",
    E.Photo
FROM orders O
    JOIN customers C on O.CustomerID = C.CustomerID
    JOIN employees E on O.EmployeeID = E.EmployeeID

--@block Task 11
SELECT sum(OD.Quantity) AS "Total quantity sold"
FROM products P
    JOIN orderdetails OD ON P.ProductID = OD.ProductID
    JOIN categories C on P.CategoryID = C.CategoryID
WHERE C.CategoryName = 'Produce'
```