Question 1

UPDATE employees

SET employeeNumber = 9999

WHERE employeeNumber = 1313;

Question 2

Explanation:

1. I am selecting the product line from the `productlines` table and the total revenue generated by each product line.
2. I am joining the `orderdetails` table with the `products` table on the product code to get the details of each product in the orders.
3. Then, I join the `products` table with the `productlines` table on the product line to get the product line for each product.
4. Next, I group the results by the product line to calculate the total revenue for each product line.
5. Finally, I order the results by total revenue in descending order to see the product lines with the highest revenue at the top.

This allows one to retrieve meaningful insights from the database, such as identifying which product lines contribute the most to the company's revenue.

Query:

SELECT

pl.productLines,

SUM(od.quantityOrdered \* od.priceEach) AS totalRevenue

FROM

orderdetails as od

JOIN

products as p ON od.productCode = p.productCode

JOIN

productlines as pl ON p.productLine = pl.productLines

GROUP BY

pl.productLines

ORDER BY

totalRevenue DESC;

