

## Store Database

We have the product and manufacturer tables, each with the following fields:

- product (code, name, price, manufacturer\_code)
- manufacturer (code, name)

The price is in euros (€).

The 'entity code' field of the product entity is related to the 'code' field of the manufacturer.

Please make the following inquiries:

1. List the name of all the products in the product table.
2. List the names and prices of all the products in the product table.
3. List all columns in the product table.
4. List the name of the products, the price in euros and the price in US dollars (USD).
5. List the name of the products, the price in euros and the price in US dollars. Use the following aliases for columns: product name, euros, US dollars.
6. List the names and prices of all products in the product table, converting the names to uppercase.
7. List the names and prices of all products in the product table, converting the names to lowercase.
8. List the names of all the manufacturers in one column, and in another column get the first two characters of the manufacturer's name in capital letters.
9. List the names and prices of all the products in the product table, rounding off the value of the price.
10. List the names and prices of all the products in the product table, truncating the value of the price to show it without any decimal place.
11. List the code of the manufacturers who have products in the product table.
12. List the code of the manufacturers that have products in the product table, eliminating the codes that appear repeated.
13. List the names of the manufacturers in ascending order.
14. List the names of the manufacturers in descending order.
15. List the names of the products ordered first by the name in ascending order and second by the price in descending order.
16. Returns a list with the first 5 rows of the manufacturer table.
17. Returns a list with 2 rows from the fourth row of the manufacturer table. The fourth row should also be included in the answer.
18. List the name and price of the cheapest product. (Use only the ORDER BY and LIMIT clauses). NOTE: I could not use MIN (price) here, I would need GROUP BY
19. List the name and price of the most expensive product. (Use only the ORDER BY and LIMIT clauses). NOTE: I could not use MAX (price) here, I would need GROUP BY.
20. List the name of all products of the manufacturer whose manufacturer code is equal to 2.
21. Returns a list with the product name, price, and manufacturer name of all products in the database.
22. Returns a list with the product name, price, and manufacturer name of all products in the database. Sort the result by manufacturer's name, in alphabetical order.
23. Returns a list with the product code, product name, manufacturer code, and manufacturer name of all products in the database.
24. Return the name of the product, its price and the name of its manufacturer, of the cheapest product.
25. Return the name of the product, its price and the name of its manufacturer, the most expensive product.

26. Returns a list of all products from the manufacturer Lenovo.
27. Returns a list of all Crucial manufacturer's products priced above € 200.
28. Returns a list of all products from Asus, Hewlett-Packard and Seagate. Without using the IN operator.
29. Returns a list of all products from Asus, Hewlett-Packard and Seagate manufacturers. Using the IN operator.
30. Returns a list with the name and price of all the products of the manufacturers whose name ends with the vowel e.
31. Returns a list with the name and price of all products whose manufacturer's name contains the character w in the his name.
32. Returns a list with the product name, price and manufacturer's name of all products with a price greater than or equal to € 180. Sort the result first by price (in descending order) and second by name (in ascending order)
33. Returns a list with the manufacturer's code and name, only of those manufacturers who have associated products in the database.
34. Returns a list of all manufacturers that exist in the database, along with the products that each has. The list should also show those manufacturers who do not have associated products.
35. Returns a list where only those manufacturers that do not have any associated products appear.
36. Return all products from the manufacturer Lenovo. (Without using INNER JOIN).
37. It returns all the data of the products that have the same price as the most expensive product from the manufacturer Lenovo. (Without using INNER JOIN).
38. List the most expensive product name from the manufacturer Lenovo.
39. Lists the cheapest product name from the manufacturer Hewlett-Packard.
40. Returns all products in the database that are priced at or above the most expensive product from the manufacturer Lenovo.
41. List all Asus products that are priced above the average price of all their products.