

Questions for Queries

Here are some questions/problems that we are going to answer by writing the equivalent query in SQL.

1. Find all book titles with their authors.
2. Display all the book titles in alphabetical order.
3. Find all the books that are written in English.
4. Find how many books are in each language.
5. Find all the authors of our library.
6. Count number of female and male students.
7. Display the last name of students and employees, all in one list.
8. Display side by side each store with each manager's name.
9. Find all female employees that work in library more than 5 years.
10. Display all students (first and last name), the book title they borrowed and the duration of borrowing.
11. Give book title with category name, room that is stored and the binding of each book.
12. Give a list of all suppliers and their total worth of product selling to the library.
13. Find all suppliers that their business is of LLC type.
14. Find all student id's where the last part of their phone starts with 0.
15. Find all students last names that borrowed a book on March.
16. Find all books that are stored in the room with manager Catrina Rossi.
17. Find how many students have borrowed books and are at the 5th semester.
18. Give an average of all money that the library spent on buying "Mystery" books.
19. Find the students (last names) that they have not returned their books and they will be penalized.
20. Find number of books that each student has borrowed.
21. Find the categories names that got supplied with more than 4,600 euros worth of product.
22. Find how many books are borrowed per category.
23. Find the students that are assisted by the least experienced woman employee.
24. Find the category that got supplied with the lowest worth of product.