

SQL Exercises - Only Questions

1. Find employees with last names that contain the letter 'o'

Question: Write a query to find all employees whose LastName contains the letter 'o'.

2. Select employees from the IT department, sorted by JobTitle

Question: Write a query to find all employees in the IT department, sorted by JobTitle in ascending order.

3. Select specific columns and filter by EmployeeID greater than 5

Question: Write a query to retrieve only the FirstName, LastName, and JobTitle of employees whose EmployeeID is greater than 5.

4. Count how many developers are in the company

Question: Write a query to count how many employees have the JobTitle of 'Developer'.

5. Filter by department and count employees

Question: Write a query to find how many employees are in the Sales department.

6. Find employees with JobTitle ending with 'r'

Question: Write a query to find all employees whose JobTitle ends with the letter 'r'.

7. Find employees with last names longer than 5 characters

Question: Write a query to find all employees whose LastName is longer than 5 characters.

8. Select employees whose first and last names start with the same letter

Question: Write a query to find all employees whose FirstName and LastName start with the same letter.

9. Find employees with EmployeeID divisible by 3

Question: Write a query to find all employees whose EmployeeID is divisible by 3.

10. Count how many employees have the letter 'a' in both first and last names

Question: Write a query to count how many employees have the letter 'a' in both their FirstName and LastName.

11. Display the first name and job title, concatenated as one column

Question: Write a query to display the FirstName and JobTitle concatenated into a single column, separated by a dash (-).

12. Update all employees in the Marketing department to have the JobTitle of 'Senior Designer'

Question: Write a query to update the JobTitle of all employees in the Marketing department to 'Senior Designer'.

13. Delete employees whose LastName starts with 'W'

Question: Write a query to delete all employees whose LastName starts with the letter 'W'.

14. Select employees from the IT department and filter by first names starting with 'A'

Question: Write a query to find all employees in the IT department whose FirstName starts with the letter 'A'.

15. Filter by specific JobTitle and count them

Question: Write a query to count how many employees have the JobTitle of 'Manager'.

16. Sort employees by EmployeeID in descending order

Question: Write a query to display all employees ordered by EmployeeID in descending order.

17. Select employees where both the first and last name contain the letter 'i'

Question: Write a query to find all employees whose FirstName and LastName both contain the letter 'i'.

18. Find employees where EmployeeID is an odd number

Question: Write a query to find all employees with an odd EmployeeID.

19. Select employees whose first names end with the letter 'e'

Question: Write a query to find all employees whose FirstName ends with the letter 'e'.

20. Count how many employees are in the IT department

Question: Write a query to count how many employees are in the IT department.

21. Filter employees with last names starting with 'C' or ending with 'n'

Question: Write a query to find all employees whose LastName starts with 'C' or ends with 'n'.

22. Update employees with EmployeeID divisible by 2 to have JobTitle 'Junior'

Question: Write a query to update the JobTitle to 'Junior' for all employees whose EmployeeID is divisible by 2.

23. Find employees with last names containing exactly 6 characters

Question: Write a query to find all employees whose LastName contains exactly 6 characters.

24. Filter employees whose first name starts with a vowel

Question: Write a query to find all employees whose FirstName starts with a vowel.

25. Find employees whose JobTitle starts with 'D' and count them

Question: Write a query to count all employees whose JobTitle starts with 'D'.