

SQL Exercises

Write and execute the necessary SQL statements to perform the following tasks.

1. List all employees whose name begins with 'A'.
2. Select all those employees who don't have a manager.
3. List employee name, number and salary for those employees who earn in the range 1200 to 1400.
4. Give all the employees in the RESEARCH department a 10% pay rise. Verify that this has been done by listing all their details before and after the rise.
5. Find the number of CLERKS employed. Give it a descriptive heading.
6. Find the average salary for each job type and the number of people employed in each job.
7. List the employees with the lowest and highest salary.
8. List full details of departments that don't have any employees.
9. Get the names and salaries of all the analysts earning more than 1200 who are based in department 20. Sort the answer by ascending order of name.
10. For each department, list its name and number together with the total salary paid to employees in that department.
11. Find out salary of both MILLER and SMITH.
12. Find out the names of the employees whose name begin with 'A' or 'M'.
13. Compute yearly salary of SMITH.
14. List the name and salary for all employees whose salary is not in the range of 1500 and 2850.
15. Find all managers who have more than 2 employees reporting to them