

Database Technologies – Assignment 6

Note: To solve below queries use “sales” database

***Use appropriate joins to solve following queries.**

1. Write a query that lists each order number followed by the name of the customer who made the order.
2. Write a query that gives the names of both the salesperson and the customer for each order along with the order number.
3. Write a query that produces all customers serviced by salespeople with a commission above 12%. Output the customer's name, the salesperson's name, and the salesperson's rate of commission.
4. Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100.
5. Write a query that produces all pairs of salespeople who are living in the same city. Exclude combinations of salespeople with themselves as well as duplicate rows with the order reversed.

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Note: To solve below queries use "hr" database

***Use appropriate joins to solve following queries.**

6. Display department name and manager first name.
7. Display department name, manager name, and city.
8. Display country name, city, and department name.
9. Display job title, department name, employee last name, starting date for all jobs from 1993 to 1998.
10. Display job title and average salary of employees.
11. Display job title, employee name, and the difference between maximum salary for the job and salary of the employee.
12. Display last name, job title of employees who have commission percentage and belongs to department 30.
13. Display details of jobs that were done by any employee who is currently drawing more than 15000 of salary.
14. Display department name, manager name, and salary of the manager for all managers whose experience is more than 5 years.
15. Display employee name if the employee joined before his manager.
16. Display employee name, job title for the jobs employee did in the past where the job was done less than six months.
17. Display employee name and country in which he is working.
18. Display department name, average salary and number of employees with commission within the department.
19. Display the month in which more than 5 employees joined in any department located in Sydney.
20. Display employee name, job title, start date, and end date of past jobs of all employees with commission percentage null.