Sunbeam Institute Of Technology,Pune & Karad
DATABASE TECHNOLOGY

Write the join queries to do the following :-

Note : To solve below queries use "hr" database

1. Display department name and manager first name.

2. Display department name, manager name, and city.

3. Display country name, city, and department name.

4. Display job title, department name, employee last name, starting date for all jobs from 2000 to 2005.

5. Display job title and average salary of employees

6. Display job title, employee name, and the difference between maximum salary for the job and salary of the employee.

7. Display last name, job title of employees who have commission percentage and belongs to department 30.

8. Display details of jobs that were done by any employee who is currently drawing more than 15000 of salary.

9. Display department name, manager name, and salary of the manager for all managers whose experience is more than 5 years.

10. Display employee name if the employee joined before his manager.

11. Display employee name, job title for the jobs employee did in the past where the job was done less than six months.

12. Display employee name and country in which he is working.

13. Display department name, average salary and number of employees with commission within the department.

14. Display the month in which more than 5 employees joined in any department located in Sydney.

15. Display details of departments in which the maximum salary is more than 10000.

16. Display employee name, job title, start date, and end date of past jobs of all employees with commission percentage null.

Note : To solve below queries use "spj" database

1. Display the Supplier name and the Quantity sold.

2. Display the Part name and Quantity sold.

3. Display the Project name and Quantity sold.

4. Display the Supplier name, Part name, Project name and Quantity sold.

5. Display the Supplier name, Supplying Parts to a Project in the same City.
6. Display the Part name that is 'Red' is color, and the Quantity sold.

7. Display all the Quantity sold by Suppliers with the Status = 20.

8. Display all the Parts and Quantity with a Weight > 14.

9. Display all the Project names and City, which has bought more than 500 Parts.

10. Display all the Part names and Quantity sold that have a Weight less than 15.

11. Display all the Suppliers with the same Status as the supplier, 'CLARK'.

12. Display all the Employees in the same department as the employee 'MILLER'.

13. Display all the Parts which have more Weight than all the Red parts.

14. Display all the Projects going on in the same city as the project 'TAPE'.

15. Display all the Parts with Weight less than all the Green parts.

16. Display the name of the Supplier who has sold the maximum Quantity (in onesale).

17. Display the name of the Employee with the minimum Salary.

18. Display the name of the Supplier who has sold the maximum overall Quantity (sumof Sales).

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Note : To solve below queries use "sales" database

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.

6. Write a query that produces the names and cities of all customers with the same rating as Hoffman.