Database Technologies – Assignment 4

Note: To solve below queries use "sales" database

Use appropriate SQL functions to solve following queries.

1. Write a query that counts all orders for October 3.

2. Write a query that counts the number of different non-NULL city values in the Customers table.

3. Find average commission of salespeople in London.

4. Extract cnum, cname and city from customer table if and only if one or more of the customers in the table are located in San Jose.

Note: To solve below queries use "spj" database

Use appropriate SQL functions to solve following queries.

5. Display all the Suppliers, belonging to cities starting with the letter 'L'.

6. Display all the Projects, with the third letter in JNAME as 'n'.

7. Display all the Supplier names with the initial letter capital.

8. Display all the Supplier names in upper case.

9. Display all the Supplier names in lower case.

10. Display the Supplier names and the lengths of the names.

11. Display the current day (e.g. Thursday).

12. Display the minimum Status in the Supplier table.

13. Display the maximum Weight in the Parts table.

14. Display the average Weight of the Parts.

15. Display the total Quantity sold for part 'P1'.

16. Display all the Supplier names (with 'la' replaced by 'ro').

17. Implement the above command such that 'l' is replaced with 'r' and 'a' is replaced with 'o'.

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Note : To solve below queries use "hr" database

Use appropriate SQL functions to solve following queries.

18. Display first name and last name after converting the first letter of each name to upper case and the rest to lower case.

19. Display the first word in job title.

20. Display the length of first name for employees where last name contain character 'b' after 3rd position.

21. Display first name in upper case and email address in lower case for employees where the first name and email address are same irrespective of the case.

22. Display first name, salary, and round the salary to thousands.

23. Display employee ID and the date on which he ended his previous job.

24. Display first name and date of first salary of the employees.

25. Display first name and experience of the employees.

26. Display first name of employees who joined in 2001.

27. Display employees who joined in the current year.

28. Display the number of days between system date and 1st January 2011.

29. Display number of employees joined after 15th of the month.

30. Display third highest salary of employees.

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