SQL

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QUERIES:

1. Write a query to lists the number of employees in each department.

2. Write a query to display the department id where at least 5 employees should be in each department.

3. Write a query to display all columns of those employees who has first name is unique.

4. Write a SQL query to get name of students containing exactly four characters.

5. Write a query to display the list of employee names that have letters 'LA' in their names.

6. Write a query to display names of those employees whose first name starts with 'A' and ends with 'N'.

7. Write a query to display first names of all employees that end with alphabet 'N'.

8. Write a query to display FIRST_NAME, LASTNAME of all employees whose first name starts with letter 'A'.

9. Write a query to display the number of employees with the same job.

10. Display the manager number and the salary of the lowest paid employee of that manager. Exclude anyone whose manager is not known. Exclude any groups where the minimum salary is 2000. Sort the output is descending order of the salary.

11. Display the total number of employees who have no commission.

12. Write a query to display FIRST_NAME, LASTNAME of all employees whose first name small 't'.

Answers:

QUERY 1:

mysql> select count(job_id), department_id from employees group by employee_id;

QUERY 2:

mysql> select count(employee_id), department_id from employees group by department_id having count(employee_id) >= 5;

QUERY 3:

mysql> select first_name from employees group by first_name having count(first_name)=1 ;

QUERY 4:

mysql> select first_name from employees where first_name regexp '^.{4}$';

QUERY 5:

mysql> select first_name from employees where first_name regexp 'la';

QUERY 6:

mysql> select first_name from employees where first_name regexp '^[a]' and first_name regexp 'n$';

QUERY 7:

mysql> select first_name from employees where first_name regexp 'n$';

QUERY 8:

mysql> select first_name,last_name from employees where first_name regexp '^[a]';

QUERY 9:

mysql> select count(employee_id), job_id from employees group by job_id;

QUERY 10:

mysql> select manager_id, MIN(salary) from employees where manager_id is not NULL group by manager_id having min(salary) != 2000 order by min(salary) desc;

QUERY 11:

mysql> select count(*) from employees where commission_pct is null or commission_pct=0;

QUERY 12:

mysql> select first_name,last_name from employees where first_name regexp '[t]' and first_name regexp '^[^T]';