MySQL Basic Select Statement

1. Write a query to display the names (first\_name, last\_name) using alias name "First Name", "Last Name".
2. Write a query to get unique department ID from employee table.
3. Write a query to get the details of all employees according to first name in descending order.
4. Write a query to get the names (first\_name, last\_name), salary, PF of all the employees (PF is calculated as 15% of salary).

1. Write a query to get the employee ID, name (first\_name, last\_name), salary in ascending order of salary.
2. Write a query to get the total salaries payable to employees.
3. Write a query to get the maximum and minimum salary from employees table.
4. Write a query to get the average salary and number of employees in the employees table.
5. Write a query to get the number of employees working with the company.
6. Write a query to get the number of designations available in the employees table.
7. Write a query get all first name from employees table in upper case.
8. Write a query to get the first three characters of first name of all employees.
9. Write a query to calculate 171\*214+625.
10. Write a query to get first name of all employees table after removing white spaces from both side.
11. Write a query to get the name (for example Ellen Abel, Sundar Ande etc.) of all the employees from employees table.
12. Write a query to get the length of the employee names (first\_name, last\_name) from employees table.
13. Write a query to select first 10 records from a table.
14. Write a query to get monthly salary (round 2 decimal places) of all employees.

## MySQL Restricting and Sorting data:

1. Write a query to display the names (first\_name, last\_name) and salary for all employees whose salary is not in the range $10,000 through $15,000.
2. Write a query to display the name (first\_name, last\_name) and department ID of all employees in departments 30 or 100 in ascending order.
3. Write a query to display the name (first\_name, last\_name) and salary for all employees whose salary is not in the range $10,000 through $15,000 and are in department 30 or 100.
4. Write a query to display the name (first\_name, last\_name) and hire date for all employees who were hired in 1987.
5. Write a query to display the first\_name of all employees who have both "b" and "c" in their first name.
6. Write a query to display the last name, job, and salary for all employees whose job is that of a Programmer or a Shipping Clerk, and salary is not equal to $4,500, $10,000, or $15,000.
7. Write a query to display the last name of employees whose name have exactly 6 characters.
8. Write a query to display the last name of employees having 'e' as the third character.
9. Write a query to select all records from employees where last name in 'BLAKE', 'SCOTT', 'KING' and 'FORD'.

## Aggregate Functions and Group by

1. Write a query to list the number of jobs available in the employees table.
2. Write a query to get the number of employees with the same job.
3. Write a query to get the difference between the highest and lowest salaries.
4. Write a query to find the manager ID and the salary of the lowest-paid employee for that manager.
5. Write a query to get the department ID and the total salary payable in each department.
6. Write a query to get the average salary for each job ID excluding programmer.
7. Write a query to get the total salary, maximum, minimum, average salary of employees (job ID wise), for department ID 90 only.
8. Write a query to get the job ID and maximum salary of the employees where maximum salary is greater than or equal to $4000.
9. Write a query to get the average salary for all departments employing more than 10 employees.

## MySQL Date Time

1. Write a query to get the distinct Mondays from hire\_date in employees tables.
2. Write a query to get the last day of the current year.
3. Write a query to calculate the age in year.
4. Write a query to get the current date in the following format.

Sample date : 2014-09-04  
Output : September 4, 2014

1. Write a query to extract the year from the current date.
2. Write a query to get the current date in Thursday September 2014 format.
3. Write a query to get the first name and hire date from employees table where hire date between '1987-06-01' and '1987-07-30'
4. Write a query to display the current date in the following format.  
   Sample output : Thursday 4th September 2014 00:00:00
5. Write a query to display the current date in the following format: Sample output: 05/09/2014
6. Write a query to get the firstname, lastname who joined in the month of June.
7. Write a query to get the years in which more than 10 employees joined.
8. Write a query to get first name of employees who joined in 1987.
9. Write a query to get first name, hire date and experience of the employees.
10. Write a query to get the department ID, year, and number of employees joined.