Create a database named “hr\_db”. Run following command (insert your username, database name and full qualified file name):

mysql -u username -p database\_name < file.sql

Submit answer to following queries in a word document with the screenshots.

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 all employee details from the employee table order by first name, descending.
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).
5. Write a query to get the maximum and minimum salary from employees table.
6. Write a query to get the average salary and number of employees in the employees table.
7. Write a query to get the number of jobs available in the employees table.
8. Write a query to get the first 3 characters of first name from employees table.
9. Write a query to get monthly salary (round 2 decimal places) of each and every employee
10. 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.
11. 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.
12. Write a query to display the first\_name of all employees who have both "b" and "c" in their first name.
13. Write a query to display the last name of employees whose names have exactly 6 characters.
14. Write a query to display the last name of employees having 'e' as the third character.
15. Write a query to select all record from employees where last name in 'BLAKE', 'SCOTT', 'KING' and 'FORD'.
16. Write a query to get the maximum salary of an employee working as a Programmer.
17. Write a query to get the average salary and number of employees working the department 90.
18. Write a query to get the number of employees with the same job.
19. Write a query to get the difference between the highest and lowest salaries.
20. Write a query to get the average salary for each job ID excluding programmer.
21. Write a query to get the average salary for all departments employing more than 10 employees.
22. Write a query to find the name (first\_name, last\_name) and the salary of the employees who have a higher salary than the employee whose last\_name='Bull'.
23. Write a query to find the name (first\_name, last\_name) of the employees who have a manager and worked in a USA based department.
24. Write a query to find the name (first\_name, last\_name) of the employees who are managers.
25. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is greater than the average salary.
26. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is equal to the minimum salary for their job grade.
27. Write a query to find the name (first\_name, last\_name), and salary of the employees who earns more than the earning of Mr. Bell.
28. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is greater than the average salary of all departments.
29. Write a query to find the name (first\_name, last\_name) of the employees who are not supervisors.
30. Write a query to list the department ID and name of all the departments where no employee is working.
31. Write a query to get 3 maximum salaries.
32. Write a query to get the distinct Mondays from hire\_date in employees tables.
33. Write a query to get the current date in the following format:

Sample date : 2018-09-010  
Output : September 10, 2018

1. Write a query to get department name, manager name, and salary of the manager for all managers whose experience is more than 5 years.
2. Write a query to get employee ID, last name, and date of first salary of the employees.