**LAB (02)**

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**BS-II SECTION (A)**

2025

**Lab Tasks**

**1. Write a query to display EMPLOYEE\_ID, FIRST\_NAME, and SALARY of employees whose SALARY is less than $3000.**

**mysql> select employee\_id,First\_name,Salary from employees where salary<3000;**

**24 rows in set (0.06 sec)**

**2. Write a query to display FIRST\_NAME, LASTNAME of all employees whose first name starts with letter ‘A’.**

**mysql> select First\_name, last\_name from employees where first\_name like 'a%';**

**10 rows in set (0.06 sec)**

**3. Write a query to display FIRST\_NAME, JOB\_ID, DEPARTMENT\_ID of employees who**

**are either PU\_CLERK or belongs to MANAGER\_ID = 114.**

**mysql> select First\_name, job\_id, department\_id from employees where job\_id="PU\_ClERK" or department\_id =114;**

**5 rows in set (0.05 sec)**

**4. Write a query to display EMPLOYEE\_ID, FIRST\_NAME, and SALARY of employees whose salaries lies in the range of $1500 to $3000;**

**mysql> select employee\_id, First\_name,salary from employees where salary between 1500 and 3000;**

**26 rows in set (0.00 sec)**

**5. Write a query to display first names of all employees that end with alphabet ‘N’.**

**mysql> select first\_name from employees where first\_name like '%n';**

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**6. Write a query to display FIRST\_NAME, JOB\_ID, DEPARTMENT\_ID of employees who are not PU\_CLERK.**

**mysql> select FIRST\_NAME, JOB\_ID, DEPARTMENT\_ID from employees where job\_id != "PU\_clerk";**

**7. Write a query to display EMPLOYEE\_ID, FIRST\_NAME, and SALARY of those employees who do not have salaries of $3300, $3200, $2200.**

**mysql> select EMPLOYEE\_ID, FIRST\_NAME, SALARY from employees where salary != 3300 and salary!=3200 and salary != 2200;**

**8. Write a query to display names of those employees whose first name starts with ‘A’ and ends with ‘N’.**

**mysql> select first\_name from employees where first\_name like 'a%n';**

**9. Write a query to display the list of employee names that have letters ‘LA’ in their names.**

**mysql> select first\_name from employees where first\_name like '%la%';**

**10. Write a query to display the of employees. In that, the highest paid employee should display first and lowest paid should display last.**

**mysql> select EMPLOYEE\_ID, FIRST\_NAME, SALARY from employees order by salary DESC;**

**11. Write a query to display FIRST\_NAME of employees that have "a" in the second position.**

**mysql> select first\_name from employees where first\_name like '\_a%';**

**12. Write a query to display EMPLOYEE\_ID, FIRST\_NAME, and SALARY of employees whose salaries do not lies in the range of $1500 to $3000;**

**mysql> select EMPLOYEE\_ID, FIRST\_NAME, SALARY from employees where not salary between 1500 and 3000;**

**13. Write a query to display the LAST\_NAME of employees whose LAST\_NAME have exactly 6 characters.**

**mysql> select last\_name from employees where last\_name like '\_\_\_\_\_\_';**

**14. Write a query to display FIRST\_NAME, LAST\_NAME and DEPARTMENT\_ID of all employees in departments 30 or 100 in ascending order.**

**mysql> select first\_name ,last\_name ,department\_id from employees where department\_id in(30,100) order by department\_id ASC;**

**15. Write a query to display 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.**

**mysql> select first\_name ,last\_name ,department\_id,salary from employees where salary not between 10000 and 15000 and department\_id in (30 , 100) ;**

**16. Write a query to display FIRST\_NAME, LAST\_NAME and HIRE\_DATE for all employees who were hired in 1987.**

**mysql> select first\_name,Last\_name,hire\_date from employees where hire\_date like "1987%";**

**18. Write a query to display FIRST\_NAME, SALARY and PF (15% of salary) of all employees.**

**mysql> select first\_name ,Salary ,(salary\*0.15) as PF from employees ;**

**19. Write a query to display FIRST\_NAME, SALARY and commission amount (% of salary) of all employees.**

**20. Write a query to display FIRST\_NAME, SALARY and NET\_SALARY after 500 deduction from salary of all employees;**

**mysql> select first\_name ,Salary ,(salary-500) as NET\_SALARY from employees ;**