# Lab task

1. Write a query to display EMPLOYEE_ID, FIRST_NAME, and SALARY of employees whose SALARY is less than $3000.

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SELECT employee_id, first_name,last_name, salary from employees where salary<3000;
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2. Write a query to display FIRST_NAME, LASTNAME of all employees whose first name starts with letter ‘A’.

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SELECT first_name,last_name from employees where first_name like "A%";
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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

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select first_name, job_id, department_id from employees where job_id= "PU_CLERK" or manager_id=114;
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4. Write a query to display EMPLOYEE_ID, FIRST_NAME, and SALARY of employees whose salaries lies in the range of $1500 to $3000;

select employee_id, first_name, salary from employees where salary between 1500 and 3000;

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

Select first_name from employees where first_name Like "%n";

6. Write a query to display FIRST_NAME, JOB_ID, DEPARTMENT_ID of employees who are not PU_CLERK.

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.

select employee_id, first_name, salary from employees where SALARY NOT IN( 3300,3200,2200);

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

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.

SELECT first_name, last_name FROM employees WHERE first_name LIKE "%LA%" OR last_name LIKE "%LA%";

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

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.

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;

select employee_id, first_name, salary from employees where salary not between 1500 and 3000;

13. Write a query to display the LAST_NAME of employees whose LAST_NAME have exactly 6 characters.

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.

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.

SELECT first_name, last_name, 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.

SELECT first_name, last_name, hire_date from employees where hire_date Like "1987%";

17. Write a query to display the LAST_NAME of employees whose LAST_NAME have exactly 6 characters.

Same as 13…

18. Write a query to display FIRST_NAME, SALARY and PF (15% of salary) of all employees.

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.

SELECT first_name, salary, (salary * IFNULL(commission_pct, 0)) AS commission_amount FROM employees;

20. Write a query to display FIRST_NAME, SALARY and NET_SALARY after 500 deduction from salary of all employees.

SELECT first_name, salary, (salary -500) AS net_salary FROM employees;