**ASSIGNMENT 6**

**Task 1: Using Comparison and Logical Operators:**

SELECT emp\_id, last\_name, salary

FROM employees

WHERE salary BETWEEN 2000 AND 5000

AND manager\_id NOT IN (101, 200);

**Task 2: Using JOINs and Aliases**

SELECT e.name AS employee\_name, d.name AS department\_name

FROM employees e

INNER JOIN departments d ON e.department\_id = d.department\_id

ORDER BY d.name ASC;

**Task 3: Aggregate Functions and GROUP BY**

SELECT department\_id, COUNT(emp\_id) AS num\_employees, AVG(salary) AS avg\_salary

FROM employees

GROUP BY department\_id;