**PRACTICAL 7 :- Demonstrate use of operators**

**Arithmetic Operators:**

**Addition**

SELECT 5 + 3 AS AdditionResult;

**Subtraction**

SELECT 10 - 4 AS SubtractionResult;

**Multiplication**

SELECT 6 \* 7 AS MultiplicationResult;

**Division**

SELECT 15 / 3 AS DivisionResult;

**Modulus (remainder of division)**

SELECT 17 % 5 AS ModulusResult;

**Comparison Operators:**

**Equal to**

SELECT \* FROM employees WHERE salary = 50000;

**Not equal to**

SELECT \* FROM products WHERE category\_id <> 2;

**Greater than**

SELECT \* FROM orders WHERE order\_amount > 1000;

**Less than**

SELECT \* FROM customers WHERE age < 30;

**Greater than or equal to**

SELECT \* FROM employees WHERE years\_of\_service >= 5;

**Less than or equal to**

SELECT \* FROM products WHERE price <= 50.00;

**Logical Operators:**

**AND**

SELECT \* FROM students WHERE age > 18 AND grade = 'A';

**OR**

SELECT \* FROM products WHERE category = 'Electronics' OR price < 100;

**NOT**

SELECT \* FROM orders WHERE NOT order\_status = 'Shipped';

**Range query with BETWEEN**

SELECT \* FROM products WHERE price BETWEEN 20 AND 50;