**FUNCTION**

**-- String functions**

SELECT CONCAT('Hello', ' ', 'World'); -- Hello World

SELECT LENGTH('MySQL'); -- 5

**-- Numeric functions**

SELECT ROUND(3.14159, 2); -- 3.14

SELECT CEIL(4.2); -- 5

**-- Date/Time**

SELECT NOW(); -- Current date and time

SELECT DATEDIFF('2025-12-31', '2025-01-01'); -- 364

**-- Aggregate**

SELECT COUNT(\*) FROM employees;

SELECT AVG(salary) FROM employees;

-- **Conditional**

SELECT IF(salary > 5000, 'High', 'Low') FROM employees;

SELECT IFNULL(manager\_id, 'No Manager') FROM employees;

DELIMITER //

CREATE FUNCTION get\_year\_diff(start\_date DATE, end\_date DATE)

RETURNS INT

BEGIN

RETURN YEAR(end\_date) - YEAR(start\_date);

END //

DELIMITER ;

**-- DATE**

SELECT get\_year\_diff('2020-01-01', '2025-01-01');