1. **Create a function to find sum of salaries of all employees working in depart number 10**

**mysql>**

CREATE TABLE employees (

employee\_id INT PRIMARY KEY,

first\_name VARCHAR(100),

last\_name VARCHAR(100),

salary DECIMAL(10, 2),

department\_id INT

);

**mysql>**

INSERT INTO employees (employee\_id, first\_name, last\_name, salary, department\_id)

VALUES

(1, 'John', 'Doe', 50000, 10),

(2, 'Jane', 'Smith', 55000, 10),

(3, 'Jim', 'Brown', 60000, 20),

(4, 'Jack', 'Davis', 45000, 10);

**mysql>**

SELECT \* FROM employees;

**mysql>**

DELIMITER $$

CREATE FUNCTION sum\_salaries\_dept()

RETURNS DECIMAL(10, 2)

DETERMINISTIC

BEGIN

DECLARE total\_salary DECIMAL(10, 2);

-- Sum the salaries of all employees in department 10

SELECT SUM(salary) INTO total\_salary

FROM employees

WHERE department\_id = 10;

-- Return the result

RETURN total\_salary;

END $$

DELIMITER ;

**mysql>**

SELECT sum\_salaries\_dept() AS total\_salaries\_in\_dept;

**OUTPUT:**



