-- Payroll Calculation --

use sql\_basics;

CREATE TABLE IF NOT EXISTS employee(

employee\_id INT,

first\_name VARCHAR(7),

last\_name VARCHAR(5),

job\_id VARCHAR(5),

salary int,

manager\_id INT,

department\_id INT

);

CREATE TABLE IF NOT EXISTS department(

department\_id INT,

department\_name VARCHAR(13),

location VARCHAR(5),

manager\_id INT,

elocation\_id INT

);

INSERT INTO employee VALUES (101,'ankit','jain','HP124',200000.00,2,24),

(102,'sarvesh','patel','HP123',150000.00,2,24),

(103,'krishna','gee','HP125',500000.00,5,44),

(104,'rana','gee','HP122',250000.00,3,54),

(105,'soniya','jain','HP121',400000.00,1,22),

(106,'nithin','kumar','HP120',300000.00,4,34),

(107,'karan','patel','HP126',300001.00,2,34),

(108,'shilpa','jain','HP127',300001.00,5,24),

(109,'mukesh','singh','HP128',300001.00,4,44);

INSERT INTO department VALUES (22,'admistration','uk',1,218),

(24,'production','india',2,212),

(34,'development','india',4,212),

(44,'communication','usa',5,220),

(54,'maintenance','usa',3,220);

select \* from employee;

select \* from department;

-- Write a query to create a view of the employee and department tables --

CREATE VIEW employee\_department\_view AS

SELECT

employee.employee\_id,

employee.first\_name,

employee.last\_name,

employee.job\_id,

employee.salary,

employee.manager\_id,

department.department\_name

FROM employee

JOIN department ON employee.department\_id = department.department\_id;

select \* from employee\_department\_view;

-- Write a query to display first name and last name of the employees from the employee table and an SQL basics view table

-- if the employee’s salary in the SQL basics table is greater than the salary in the employee table --

SELECT emp.first\_name, emp.last\_name

FROM employee emp

JOIN employee\_department\_view edv ON emp.employee\_id = edv.employee\_id

WHERE edv.salary > emp.salary;

-- Write a query to change the delimiter to // --

DELIMITER //

CREATE PROCEDURE my\_procedure()

BEGIN

END;

//

DELIMITER ;

-- Write a query to create a stored procedure using an employee table if the salary is greater than or equal to 250000 --

DELIMITER //

CREATE PROCEDURE FilterHighSalaryEmployees()

BEGIN

SELECT \* FROM employee WHERE salary >= 250000;

END;

//

DELIMITER ;

-- Write a query to execute the stored procedure --

CALL FilterHighSalaryEmployees();

-- Write a query to create a stored procedure with one parameter using ORDER BY salary in descending order, and execute the stored procedure --

DELIMITER //

CREATE PROCEDURE GetEmployeesByDepartment(IN department\_id\_param INT)

BEGIN

SELECT \* FROM employee WHERE department\_id = department\_id\_param ORDER BY salary DESC;

END;

//

DELIMITER ;

CALL GetEmployeesByDepartment(24);