Table name: employee

Table schema

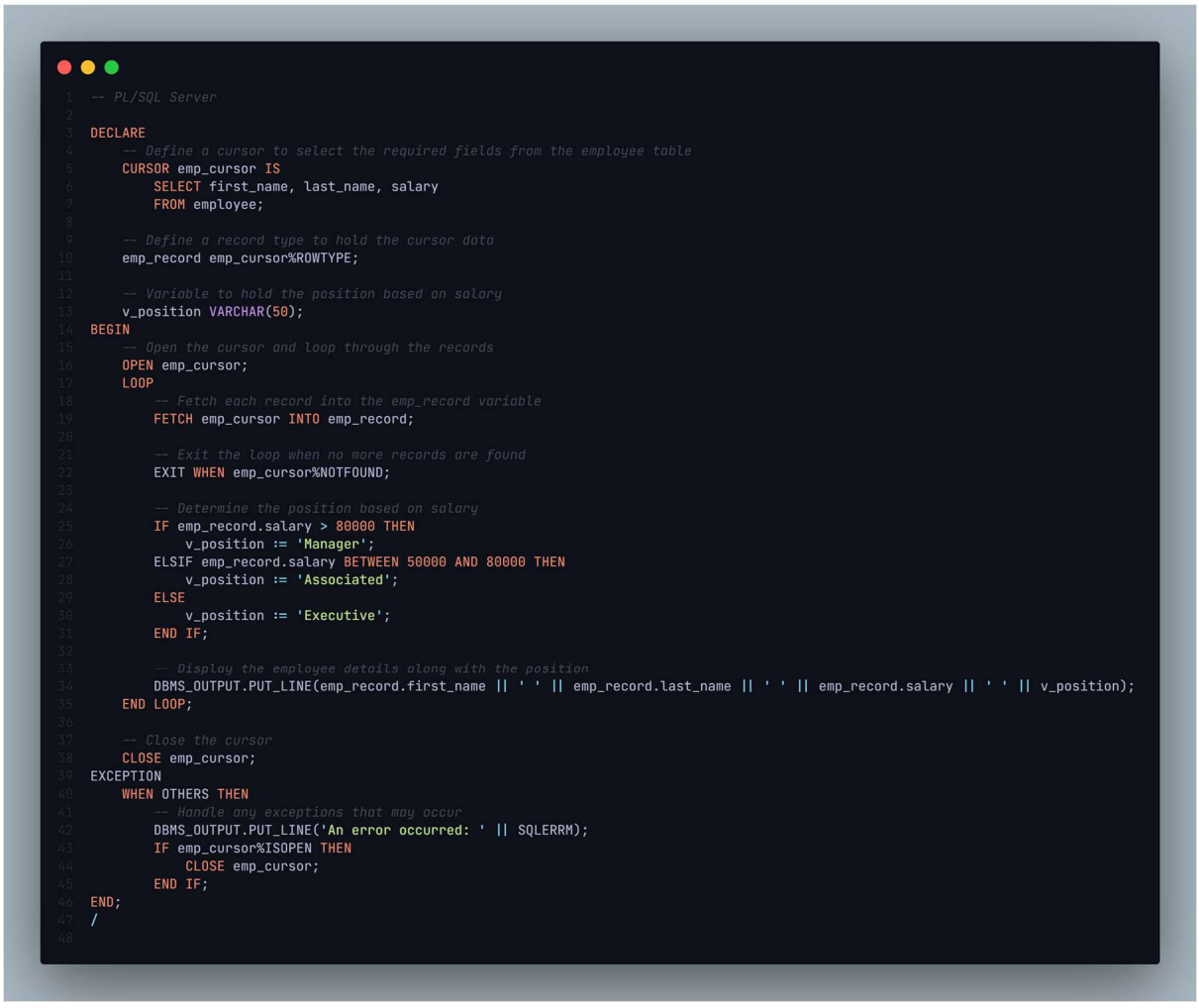
Column name or Field name	Datatype
employee_id(pk)	int
first_name	varchar(50)
last_name	varchar(50)
email	varchar(50)
phone_number	varchar(50)
hire_date	date
job_id	int
salary	float

With respect to table given in the last assignment, write a program in PL/SQL which stores first_name, last_name, salary into cursor and it display first_name, last_name, salary and Grade of Employee position of employee depends on Salary. If Salary is greater than 80000 then display it as manager position, of salary is between 50000 to 80000 then

position is Associated and less than 50000 Position is Executive.

Expected Output

first_name	last_name	salary	position
Rahul	Kumar	87000	Manager
Pravin	Nalwade	66000	Associated
Preeti	Reddy	46000	Executive



```
-- PL/SQL Server

DECLARE
    -- Define a cursor to select the required fields from the employee table
    CURSOR emp_cursor IS
        SELECT first_name, last_name, salary
        FROM employee;

    -- Define a record type to hold the cursor data
    emp_record emp_cursor%ROWTYPE;

    -- Variable to hold the position based on salary
    v_position VARCHAR(50);
BEGIN
    -- Open the cursor and loop through the records
    OPEN emp_cursor;
    LOOP
        -- Fetch each record into the emp_record variable
        FETCH emp_cursor INTO emp_record;

        -- Exit the loop when no more records are found
        EXIT WHEN emp_cursor%NOTFOUND;

        -- Determine the position based on salary
        IF emp_record.salary > 80000 THEN
            v_position := 'Manager';
        ELSIF emp_record.salary BETWEEN 50000 AND 80000 THEN
            v_position := 'Associated';
        ELSE
            v_position := 'Executive';
        END IF;

        -- Display the employee details along with the position
        DBMS_OUTPUT.PUT_LINE(emp_record.first_name || ' ' || emp_record.last_name || ' ' || emp_record.salary || ' ' || v_position);
    END LOOP;

    -- Close the cursor
    CLOSE emp_cursor;
EXCEPTION
    WHEN OTHERS THEN
        -- Handle any exceptions that may occur
        DBMS_OUTPUT.PUT_LINE('An error occurred: ' || SQLERRM);
        IF emp_cursor%ISOPEN THEN
            CLOSE emp_cursor;
        END IF;
END;
/
```

```mysql
-- MYSQL Server

DELIMITER $$

CREATE PROCEDURE DisplayEmployeePositions()
BEGIN
    -- Declare variables to hold the fetched data
    DECLARE v_first_name VARCHAR(50);
    DECLARE v_last_name VARCHAR(50);
    DECLARE v_salary FLOAT;
    DECLARE v_position VARCHAR(50);

    -- Declare a cursor for selecting employee details
    DECLARE emp_cursor CURSOR FOR
        SELECT first_name, last_name, salary
        FROM employee;

    -- Declare a handler for NOT FOUND
    DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = TRUE;

    -- Initialize the done flag
    SET done = FALSE;

    -- Open the cursor
    OPEN emp_cursor;

    -- Loop through the cursor
    read_loop: LOOP
        -- Fetch the next row into the variables
        FETCH emp_cursor INTO v_first_name, v_last_name, v_salary;

        -- Exit the loop if there are no more rows
        IF done THEN
            LEAVE read_loop;
        END IF;

        -- Determine the position based on salary
        IF v_salary > 80000 THEN
            SET v_position = 'Manager';
        ELSEIF v_salary BETWEEN 50000 AND 80000 THEN
            SET v_position = 'Associated';
        ELSE
            SET v_position = 'Executive';
        END IF;

        -- Display the employee details
        SELECT v_first_name AS first_name,
               v_last_name AS last_name,
               v_salary AS salary,
               v_position AS position;
    END LOOP;

    -- Close the cursor
    CLOSE emp_cursor;
END$$

DELIMITER ;

-- Calling procedure

CALL DisplayEmployeePositions();
```