Employee (eid, fname, lname, salary)

1.Use a Cursor for Loop inside a function to calculate and return total paid salary to all employees by the company.

**Create Function:**

CREATE OR REPLACE FUNCTION get\_total\_salary

RETURN NUMBER

IS

BEGIN

DECLARE

total\_salary NUMBER := 0;

CURSOR c1 IS SELECT salary FROM Employee;

BEGIN

FOR c IN c1 LOOP

total\_salary := total\_salary + c.salary;

END LOOP;

RETURN total\_salary;

END;

END get\_total\_salary;

/

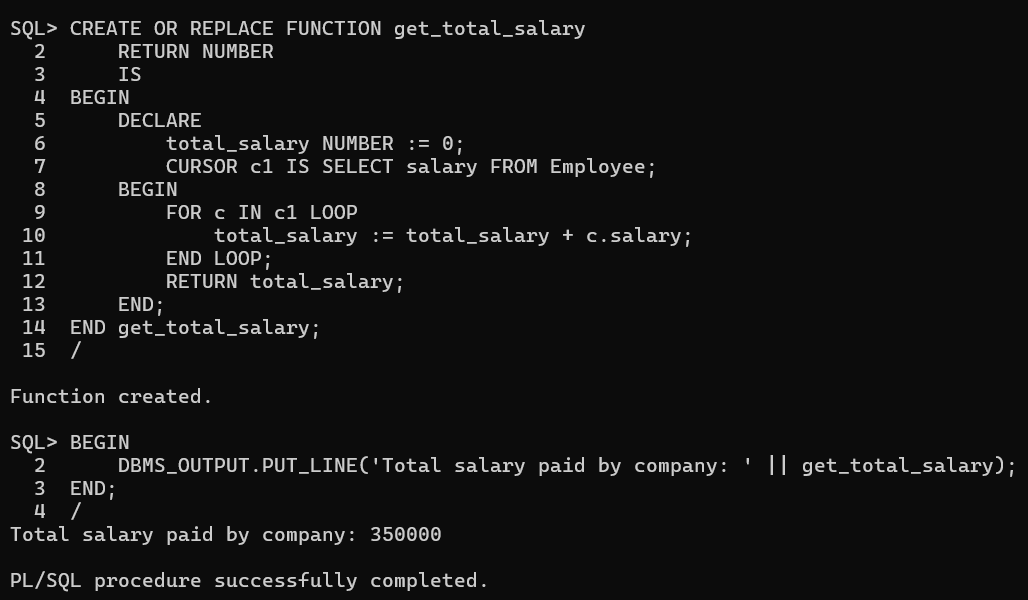
**Function Call:**

**BEGIN**

DBMS\_OUTPUT.PUT\_LINE('Total salary paid by company: ' || get\_total\_salary);

END;

/



2.Modify the function created above to become a procedure and display the total paid salary from the procedure itself. Instead of calculating for all employees, calculate only for those employees whose name starts from a character passed as parameter to the procedure and hence to the cursor.

**Declare:**

CREATE OR REPLACE PROCEDURE get\_total\_salary\_for\_char (p\_char VARCHAR2)

IS

total\_salary NUMBER := 0;

CURSOR c1 (p\_char VARCHAR2) IS

SELECT salary FROM Employee

WHERE fname LIKE p\_char ||'%';

BEGIN

FOR c IN c1(p\_char) LOOP

total\_salary := total\_salary + c.salary;

END LOOP;

DBMS\_OUTPUT.PUT\_LINE('Total salary paid by company for employees whose name starts from ''' || p\_char || ''': ' || total\_salary);

END get\_total\_salary\_for\_char;

/

**Call:**

BEGIN

get\_total\_salary\_for\_char('J');

END;

