

Consider the employee database retrieve the employee hiredate based on job and department id. write a correlated sub query.

Create a simple procedure using PL/SQL statement to count the total no. of employees belonging to the same department using explicit cursor update the location of an employee.

CREATE OR REPLACE PROCEDURE

get\_hiredate (

p\_job IN employees.job % TYPE ,

p\_department IN employees.department % TYPE

p\_hiredate OUT employees.hire\_date % TYPE ) AS

BEGIN

SELECT hire\_date INTO p\_hiredate

FROM employees

WHERE job = p\_job

AND department\_id = p\_department;

END;

CREATE OR REPLACE PROCEDURE count\_employees\_by\_dept ( dept\_id NUMBER ) IS

emp\_count NUMBER;

BEGIN

SELECT COUNT (\*) INTO emp\_count

FROM employees

WHERE department\_id = dept\_id;

DBMS\_OUTPUT.PUT\_LINE ( 'The total number of employees in department ' || dept\_id || ' is. ' || emp\_count );

END;



DECLARE

CURSOR emp CUR IS SELECT employee\_id, employee\_location FROM employees;

emp REC emp CUR % ROWTYPE;

BEGIN

OPEN emp CUR;

LOOP

FETCH emp CUR INTO emp REC;

EXIT WHEN emp CUR % NOTFOUND;

-- update employee location based on some condition

IF emp REC . employee\_id = 100 THEN

UPDATE employees SET

employee\_location = 'New York' WHERE

CURRENT OF emp CUR;

END IF;

END LOOP;

CLOSE emp CUR;

END;