

Q. Consider the employee & Retirement
 hiredate based on job department id.
 Create a simple procedure, using PL/SQL statements,
 to count the total no. of employees belongs to the
 same department. Using explicit cursor & update
 the location.

Soln

```

* Create an explicit procedure
get_hiredate
p_job IN employee.job%TYPE,
p_department IN
employee.department_id%TYPE,
p_hiredate OUT
employee.hiredate%TYPE AS
BEGIN
  Select hiredate INTO p_date
  from employee
  where job = p-job
  AND department_id = p-department
  END;

```

```

* DECLARE
  cursor emp-cur is select employee_id,
  employee_location from employees;
  employee_rec emp-cur%ROWTYPE;
  BEGIN
  OPEN emp-cur;
  LOOP
    Fetch emp-cur INTO emp_rec;
    EXIT when emp-cur%NOTFOUND;
    IF emp_rec.employee_id < 200
    THEN UPDATE employees

```

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  SET employee_location
  = 'New York' where
  count of emp-cur;
  END IF;
  END LOOP;
  CLOSE emp-cur;
  END;

```

Entity	Attributes	Multivalued att.	Relationship
Student -	• Name • Age	Reg No (multivalued)	• Attnd • Taken Classes
• Course	• Credit • Name • ID • Timmings		
• Teacher	• Teacher ID • Teach name		• Teaches { Week } { relationship }
• Subject -	• ID • Name		• Has { relationship }
(Weak entity) Semester	• Year		
• Theory -	• Timming • Study material		
• Practical	• Lab slots • Timming • Practical Name	• Morning (Weak) • Afternoon attribute	

Consider employee database table with attributes employeeID, first name, last name, jobID and hiredate, ^{salary} Construct relationship b/w employees with similar date of joining & salary above 25000



