**Balganym Tulebayeva**

**Practice 7( lecture 5\_2)**

**Tuesday 10:00**

1. DECLARE

v\_deptno NUMBER := 10;

CURSOR c\_emp\_cursor IS

SELECT last\_name, salary, manager\_id

FROM employees

WHERE department\_id = v\_deptno;

BEGIN

FOR emp\_record IN c\_emp\_cursor

LOOP

IF emp\_record.salary < 5000 AND (emp\_record.manager\_id = 101 OR emp\_record.manager\_id = 124) THEN

DBMS\_OUTPUT.PUT\_LINE (emp\_record.last\_name || ' Due for a raise');

ELSE

DBMS\_OUTPUT.PUT\_LINE (emp\_record.last\_name || ' Not due for a raise');

END IF;

END LOOP;

END;

1. –
   1. DECLARE

CURSOR c\_dept\_cursor IS

SELECT department\_id, department\_name

FROM departments

WHERE department\_id < 100

ORDER BY department\_id;

CURSOR c\_emp\_cursor (v\_deptno NUMBER) IS

SELECT last\_name, job\_id, hire\_date, salary

FROM employees

WHERE department\_id = v\_deptno

AND employee\_id < 120;

v\_cur\_deptno departments.department\_id%TYPE;

v\_cur\_dept\_name departments.department\_name%TYPE;

v\_emp\_name employees.last\_name%TYPE;

v\_job employees.job\_id%TYPE;

v\_hire\_date employees.hire\_date%TYPE;

v\_salary employees.salary%TYPE;

BEGIN

OPEN c\_dept\_cursor;

LOOP

FETCH c\_dept\_cursor INTO v\_cur\_deptno, v\_cur\_dept\_name;

EXIT WHEN c\_dept\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE ('Department number: ' || v\_cur\_deptno || ' Department name: ' || v\_cur\_dept\_name);

IF c\_emp\_cursor%ISOPEN THEN

CLOSE c\_emp\_cursor;

END IF;

OPEN c\_emp\_cursor (v\_cur\_deptno);

LOOP

FETCH c\_emp\_cursorINTO v\_emp\_name, v\_job, v\_hire\_date, v\_salary;

EXIT WHEN c\_emp\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE(v\_emp\_name, || ' ' || v\_job || ' ' || v\_hiredate || ' ' || v\_salary);

END LOOP;

DBMS\_OUTPUT.PUT\_LINE ('\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_');

END LOOP;

CLOSE c\_dept\_cursor;

END;

4.

DECLARE

v\_num NUMBER(3) := 5;

v\_salary employees.salary%TYPE;

CURSOR c\_emp\_cursor IS

SELECT salary

FROM employees

ORDER BY salary DESC;

BEGIN

OPEN c\_emp\_cursor;

FETCH c\_emp\_cursor INTO v\_salary;

WHILE c\_emp\_cursor%ROWCOUNT <= v\_num AND c\_emp\_cursor %FOUND

LOOP

INSERT INTO top\_salaries (salary)

VALUES (v\_salary);

FETCH c\_emp\_cursor INTO v\_salary;

END LOOP;

CLOSE c\_emp\_cursor;

END;

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SELECT \* FROM top\_salaries;