**Practice 7 – Answers**

--1 a

create table top\_salaries(

salary NUMBER(8,2));

-- 1 b

DECLARE

v\_num NUMBER := 5;

sal employees.salary%TYPE;

CURSOR emp\_cursor IS

select salary from employees order by salary desc;

BEGIN

OPEN emp\_cursor;

FETCH emp\_cursor INTO sal;

WHILE emp\_cursor%ROWCOUNT <= v\_num AND emp\_cursor%FOUND

LOOP

INSERT INTO top\_salaries (salary) VALUES (sal);

FETCH emp\_cursor INTO sal;

END LOOP;

CLOSE emp\_cursor;

END;

/

select \* from top\_salaries;

--2

DECLARE

v\_deptno NUMBER(3) := 100;

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;

--3

DECLARE

department\_name departments.department\_name%TYPE;

CURSOR dept\_cursor IS SELECT department\_id, department\_name FROM departments WHERE department\_id < 100 ORDER BY department\_id;

CURSOR emp\_cursor(v\_deptno NUMBER) IS SELECT last\_name, job\_id , hire\_date, salary FROM employees where employee\_id < 120 AND department\_id = v\_deptno;

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

v\_current\_dname departments.department\_name%TYPE;

v\_ename employees.last\_name%TYPE;

v\_job employees.job\_id%TYPE;

v\_hiredate employees.hire\_date%TYPE;

v\_sal employees.salary%TYPE;

BEGIN

OPEN dept\_cursor;

LOOP

FETCH dept\_cursor INTO v\_current\_deptno,v\_current\_dname;

EXIT WHEN dept\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE ('Department Number : ' || v\_current\_deptno || ' Department Name : ' || v\_current\_dname);

END LOOP;

END;