**Practice 7**

---1

Create table top\_salary(salary number(5) not null);

---2

set serveroutput on;

DECLARE

v\_num NUMBER(2) := 5;

v\_sal 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\_sal;

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

loop

INSERT INTO top\_salaries (salary) VALUES (v\_sal);

FETCH c\_emp\_cursor INTO v\_sal;

END LOOP;

CLOSE c\_emp\_cursor;

END;

/

select \* from top\_salaries;

truncate table top\_salaries;

---2

set serveroutput on;

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 e\_record in c\_emp\_cursor

loop

if e\_record.salary <5000 and (e\_record.manager\_id=101 or e\_record.manager\_id=124) then

dbms\_output.put\_line(e\_record.last\_name||'due for raise');

else

dbms\_output.put\_line(e\_record.last\_name||'not due for raise');

end if;

END LOOP;

END;

----3

set serveroutput on;

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

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

v\_lname employees.last\_name%TYPE;

v\_job employees.job\_id%TYPE;

v\_hiredate employees.hire\_date%TYPE;

v\_sal employees.salary%TYPE;

BEGIN

OPEN c\_dept\_cursor;

LOOP

FETCH c\_dept\_cursor INTO v\_current\_deptno,v\_current\_dname;

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

if c\_emp\_cursor%isopen then

close c\_emp\_cursor;

end if;

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

loop

fetch c\_emp\_cursor into v\_lname,v\_job,v\_hiredate,v\_sal;

EXIT WHEN c\_emp\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE (v\_lname||' '||v\_job);

end loop;

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

end loop;

close c\_dept\_cursor;

end;