

1. TO GIVE A RAISE TO EMPLOYEES EARNING SALARY LESS THAN 51000

BEFORE

```
SQL> select * from employee
2 ;
```

SSN	ENAME	SALARY	SUPERSSN	DNO
100	William	51500	100	10
101	Jonas	61800	101	11
102	SCARLET	82400	102	12
103	BLAIR	53303	103	13
104	CHARLES	50200	100	10

```
SQL> DECLARE
2     CURSOR employee_cur IS
3         SELECT ssn,
4             salary
5         FROM employee
6     where dno = 10
7     for update;
8     incr_sal NUMBER;
9     begin
10    for employee_rec in employee_cur LOOP
11    if employee_rec.salary < 51000 then
12    incr_sal := .15;
13    else
14    incr_sal := .0;
15    end if;
16    update employee
17    set salary = salary + salary * incr_sal
18    where current of employee_cur;
19    end loop;
20    end;
21    /

PL/SQL procedure successfully completed.
```

AFTER

```
SQL> select * from employee;
```

SSN	ENAME	SALARY	SUPERSSN	DNO
100	William	51500	100	10
101	Jonas	61800	101	11
102	SCARLET	82400	102	12
103	BLAIR	53303	103	13
104	CHARLES	57730	100	10

2. TO SET PROJECT NAME OF ALL EMPLOYEES OF A DEPARTMENT HAVING PROJECT NAME
'Omega' AS 'Alpha'

SQL Plus

```
SQL> select * from project
2 ;
```

PNO	PNAME	DNO
20	Omega	10
21	Nitro	10
22	Origin	11
23	Project X	12
24	Quadro	13

```
SQL> declare
2 cursor empcursor is select dno,pname from project;
3 deptno project.dno%type;
4 pname project.pname%type;
5 begin
6 open empcursor;
7 loop
8 fetch empcursor into deptno,pname;
9 exit when empcursor%notfound;
10 if deptno=10 and pname like 'Omega' then
11 update project set pname = 'Alpha' where deptno = 10 and pname like 'Omega';
12 end if;
13 end loop;
14 close empcursor;
15 end;
16 /
```

PL/SQL procedure successfully completed.

```
SQL> select * from project;
```

PNO	PNAME	DNO
20	Alpha	10
21	Nitro	10
22	Origin	11
23	Project X	12
24	Quadro	13