

EXP NO: 10	Execute PL/SQL command to given condition
DATA: 28/04/2022	

**Aim:** Write PL/SQL program for the given condition.

**Description about the problem:**

Write a PL/SQL procedure to fetch the employee salary details and update 10% allowances for employees' salaries > 20000 and < 50000.

**Queries:**

- Create table emp\_sal( emp\_id number(10),emp\_name varchar(20), dept varchar(20),salary int)
- insert into emp\_sal values (01,'abc','COder',80000)
- desc emp\_sal
- DECLARE  
CURSOR employee\_cur IS  
SELECT emp\_id,salary  
FROM emp\_sal  
FOR UPDATE;  
incr\_sal NUMBER;  
BEGIN  
FOR employee\_rec IN employee\_cur LOOP  
IF employee\_rec.salary < 50000 AND employee\_rec.salary > 20000  
THEN  
incr\_sal := .10;  
ELSE  
incr\_sal := 0;  
END IF;  
  
UPDATE emp\_sal  
SET salary = salary + salary \* incr\_sal  
WHERE CURRENT OF employee\_cur;  
END LOOP;  
END;

**Result:**

Successfully implemented PL/SQL code and found the output.

My Scripts \ **Script**

Actions ▾

Edit Attributes

**Run Script**

Name	Session 10
Description	DBMS Lab 10 Write a PL/SQL procedure to fetch the employee salary details and update 10% allowances for employees' salaries > 20000 and < 50000.
Area	-
Visibility	Publicly Shareable - available via unlisted URL
Contributor	RA1911027010007
Share Link	<a href="https://livesql.oracle.com/apex/livesql/s/ndgm0tvnjrqsbvkuve2jmfcpq">https://livesql.oracle.com/apex/livesql/s/ndgm0tvnjrqsbvkuve2jmfcpq</a>
Tags	-
Script Results	<div>We cannot determine the last run date for this script.</div> <a href="#">What's This?</a>
Last Updated	Tuesday April 26, 2022 (Created 8 days ago)
Metrics	11 Statements, 971 bytes

Statement 1



Edit

```
Create table emp_sal( emp_id number(10),emp_name varchar(20), dept varchar(20),salary int)
```

Table created.

Statement 2



Edit

```
desc emp_sal
```

TABLE EMP\_SAL

Column	Null?	Type
EMP_ID	-	NUMBER(10,0)
EMP_NAME	-	VARCHAR2(20)
DEPT	-	VARCHAR2(20)
SALARY	-	NUMBER

[Download CSV](#)

4 rows selected.

Statement 3



1 row(s) inserted.

Statement 4



Edit

```
insert into emp_sal values (02,'def','HR'90000)
```

ORA-00917: missing comma

Statement 5



Edit

```
insert into emp_sal values (02,'def','HR',90000)
```

1 row(s) inserted.

Statement 6



Edit

```
insert into emp_sal values (03,'ghi','Sales',50000)
```

1 row(s) inserted.

Statement 7



Edit

```
insert into emp_sal values (04,'jkl','Admins',70000)
```

1 row(s) inserted.

Statement 8



Edit

```
insert into emp_sal values (05,'mno','Marking',60000)
```

1 row(s) inserted.

Statement 9



Edit

```
insert into emp_sal values (06,'pqr','Lead',100000)
```

1 row(s) inserted.

Statement 10



Edit

```
DECLARE
    CURSOR employee_cur IS
        SELECT emp_id,salary
        FROM   emp_sal
        FOR UPDATE;
    incr_sal NUMBER;
BEGIN
    FOR employee_rec IN employee_cur LOOP
        IF employee_rec.salary < 50000 AND employee_rec.salary> 20000 THEN
            incr_sal := .10;
        ELSE
            incr_sal := 0;
        END IF;

        UPDATE emp_sal
        SET     salary = salary + salary * incr_sal
        WHERE  CURRENT OF employee_cur;
    END LOOP;
END;
```



Statement



Edit

```
select * from emp_sal
```

EMP_ID	EMP_NAME	DEPT	SALARY
3	ghi	Sales	50000
2	def	HR	90000
1	abc	COder	80000
6	pqr	Lead	100000
4	jkl	Admins	70000
5	mno	Marking	60000

[Download CSV](#)

6 rows selected.



Script Update Details

