

```
SQL> INSERT INTO employee VALUES (3, 'harrsini', 19, 'ooty', 90000);
1 row created.

SQL> INSERT INTO employee VALUES (4, 'kiruthka', 18, 'cbe', 80000);
1 row created.

SQL> CREATE OR REPLACE TRIGGER display_salary_changes
2 BEFORE INSERT OR UPDATE OR DELETE ON employee
3 FOR EACH ROW
4 WHEN (NEW.id > 0 OR OLD.id > 0)
5 DECLARE
6     sal_diff NUMBER;
7 BEGIN
8     IF INSERTING THEN
9         dbms_output.put_line('New salary: ' || :new.salary);
10    ELSIF UPDATING THEN
11        sal_diff := :new.salary - :old.salary;
12        dbms_output.put_line('Old salary: ' || :old.salary);
13        dbms_output.put_line('New salary: ' || :new.salary);
14        dbms_output.put_line('Salary difference: ' || sal_diff);
15    ELSIF DELETING THEN
16        dbms_output.put_line('Deleted salary: ' || :old.salary);
17    END IF;
18 END;
19 /

Trigger created.

SQL> SET SERVEROUTPUT ON;
SQL> update employee set salary=60000 where id=2;
Old salary: 70000
New salary: 60000
Salary difference: -10000
1 row updated.

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