



WORKSHEET 2.2

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Branch: MCA Section/Group: 9A

Semester: st Semester Date of Performance: 05/01/

1 2022

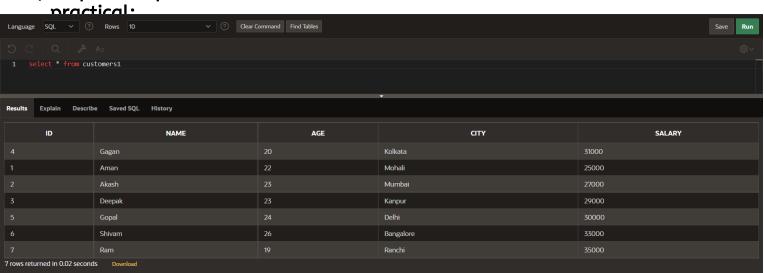
Subject Name: PL/SQL LAB Subject Code: 21CAP-607

1) Task to be

done:

WAP that creates a row-level trigger for the customers table that would fire for UNSEATEOUT DELETE operations performed on the CUSTOMERS table.

2) Steps for experiment/



CREATING TRIGGER

CREATEORREPLACETRIGGER display_salary_change BEFORE DELETEORINSERTORUPDATEON customers1 FOR EACH ROW WHEN (NEW.ID > 0) DECLARE

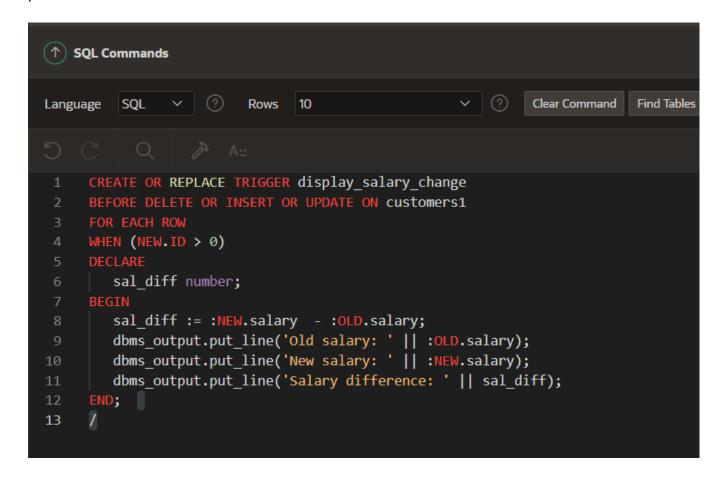




```
sal_diff number;
```

BEGIN

```
sal_diff:= :NEW.salary - :OLD.salary;
dbms_output.put_line('Old salary: ' || :OLD.salary);
dbms_output.put_line('New salary: ' || :NEW.salary);
dbms_output.put_line('Salary difference: ' || sal_diff);
END;
//
```



OUTPUT







1) Triggering a trigger:-

```
DECLARE
total_rows number(
BEGIN

UPDATEcustomers1
SET salary = salary +
5卯9qi%notfound THEN
dbms_output.put_line('no customers

UPDSTPCSではいるのでは、

Control

Then

total_rows := sql%

rowのからこのはいまします。

Toward を表現します。

Toward
```

```
Clear Command
                                                                             Find Tables
         SQL
                          Rows
                                10
Language
     DECLARE
        total rows number(2);
        UPDATE customers1
        SET salary = salary + 5000;
        IF sql%notfound THEN
           dbms output.put line('no customers updated');
        ELSIF sql%found THEN
           total rows := sql%rowcount;
           dbms output.put_line( total_rows || ' customers updated ');
        END IF;
     END;
```

2) Output:





Results	Explain	Describe	Saved SQL	History		
Old salary: 31000 New salary: 36000						
Salary difference: 5000 Old salary: 25000 New salary: 30000						
Salary difference: 5000 Old salary: 27000 New salary: 32000						
Salary di Old salary New salar	fference: y: 29000	5000				
Salary di Old salar New salar	fference: y: 30000	5000				
Salary di Old salar New salar	y: 33000	5000				
Salary di Old salar New salar	y: 35000	5000				
Salary di 7 custome						
1 row(s)	updated.					

4) Learning outcomes (What I have learnt): 1. Implementation of

Trigger 2. Triggering a Trigger.

Evaluation Grid:

Sr. No.	Parameters	Marks	Maximum
1.	Demonstration and Penforabance	Obtained	Marks
2.	(Modizksheet		10
3.	Post Lab		5

Quiz