**TRIGGER**

QUERY 1: CREATE A TABLE CUT:

SQL> create table cut(cno int primary key,cname varchar2(15),address varchar2(15));

Table created.

RESULT 1:

SQL> desc cut;

Name Null? Type

-------------------------------------------------------------------------------

CNO NOT NULL NUMBER(38)

CNAME VARCHAR2(15)

ADDRESS VARCHAR2(15)

QUERY 2: CREATE ANOTHER TABLE DEP:

SQL> create table dep(cno int,ano int);

Table created.

RESULT 2:

SQL> desc dep;

Name Null? Type

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CNO NUMBER(38)

ANO NUMBER(38)

QUERY 3: CREATE TRIGGER INSERT-TRIGGER:

SQL> set serveroutput on

SQL> create or replace trigger insert\_trigger after insert on cut

2 for each row

3 begin

4 insert into dep(cno)values(:new.cno);

5 dbms\_output.put\_line('one row is created into dep table');

6 end;

7 /

Trigger created.

RESULT 3:

SQL> insert into cut values(101,'John','Mumbai');

one row is created into dep table

1 row created.

SQL> insert into cut values(102,'James','Cheyyar');

one row is created into dep table

1 row created.

SQL> insert into cut values(103,'Raj','Chennai');

one row is created into dep table

1 row created.

SQL> select \* from cut;

CNO CNAME ADDRESS

------------------------------------------------------------------

101 John Mumbai

102 James Cheyyar

103 Raj Chennai

SQL> select \* from dep;

CNO ANO

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101

102

103

QUERY 4: CREATE TRIGGER DELETE-TRIGGER:

SQL> create or replace trigger delete\_trigger after delete on cut

2 for each row

3 begin

4 delete from dep where cno=:old.cno;

5 dbms\_output.put\_line('one row is delete from dep table');

6 end;

7 /

Trigger created.

SQL> delete from cut where cno=102;

one row is delete from dep table

1 row deleted.

SQL> select \* from cut;

CNO CNAME ADDRESS

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101 John Mumbai

103 Raj Chennai

SQL> select \* from dep;

CNO ANO

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101

103

QUERY 5: CREATE TRIGGER UPDATE-TRIGGER:

SQL> create or replace trigger update\_trigger after update on cut

2 for each row

3 begin

4 dbms\_output.put\_line(:old.cno||''||lower(:old.cname)||''||lower(:old.address));

5 dbms\_output.put\_line(:new.cno||''||upper(:new.cname)||''||upper(:new.address));

6 end;

7 /

Trigger created.

RESULT 5:

SQL> update cut set address='delhi' where cno=101;

101 John Mumbai

101 JOHN DELHI

1 row updated.