EXPERIMENT 10

TRIGGERS

**Aim:**

* Create a table with attribute sname, and another table with newname.
* Create a trigger to insert into second table before inserting in first table.
* Create a table for account details with attributes account number and an amount.
* Create a trigger to check if amount is negative or greater than 100 before inserting to table.If greater than 100, replace with 100 , if negative replace with 0 else same amount.

**Procedure:**

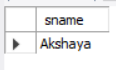
**Code:**

* **create table test(sname varchar(20));**
* **create table test\_audit(newname varchar(20));**

**Code:**

* **create trigger before\_test\_update**
* **BEFORE INSERT ON test**
* **FOR EACH ROW**
* **INSERT INTO test\_audit**
* **SET newname = NEW.sname;**
* **insert into test values('Akshaya');**
* **select \* from test;**
* **select \* from test\_audit;**

**Output:**





**Code:**

* **create table bank(accno int, amount int);**

**Code:**

* **delimiter //**
* **create trigger validAmount**
* **BEFORE INSERT ON bank**
* **FOR EACH ROW**
* **begin**
* **if (NEW.amount < 0) then**
* **set new.amount = 0;**
* **elseif new.amount > 100 then**
* **set new.amount = 100;**
* **END IF;**
* **END //**
* **delimiter ;**
* **insert into bank values(343555, 101);**
* **insert into bank values(565455, -442);**
* **insert into bank values(335566, 34);**
* **select \* from bank;**

**Output:**

