

**ADVANCED DBMS LAB**

**Experiment No.: 8**

**Aim**

Create a student table with fields id,name,subject1,subject2,subject3 and total percentage. For each entry of row, update total marks and percentage using triggers in SQL

**PROCEDURE**

step 1: start

step 2: create table student

step 3: create trigger on student table

step 4: insert records

step 5: select the table to see if the triggers has been executed

step 6: stop

**COMMANDS**

**1.**CREATE DATABASE STUDENTD;

**2.**USE STUDENTD;

**3.**CREATE TABLE STUDENTINFO(ID INT PRIMARY KEY , NAME VARCHAR(20) NOT NULL, SUBJ1 INT,SUBJ2 INT,SUBJ3 INT ,TOTAL INT , percentage INT);

**4.**CREATE TRIGGER MARKCHANGE BEFORE INSERT ON STUDENTINFO FOR EACH ROW SET new.total=new.SUBJ1+new.SUBJ2+new.SUBJ3,new.percentage=new.total/150\*100;

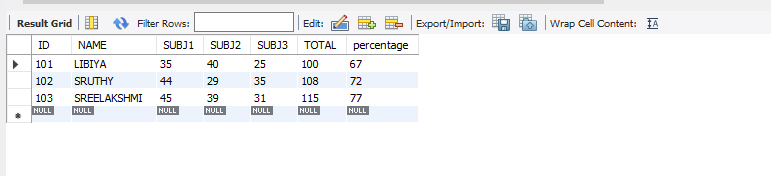
**5.**INSERT INTO studentinfo(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(103,'SREELAKSHMI',45,39,31);

**6.**INSERT INTO studentinfo(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(101,'LIBIYA',35,40,25);

**7.**INSERT INTO studentinfo(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(102,'SRUTHY',44,29,35);

**8.**SELECT \*FROM STUDENTINFO;

**OUTPUT SCREENSHOT**

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