**Name: Merin joseph**

**Roll No:20**

**Batch:MCA-B**

**Date:10-6-2022**

**NETWORKING & SYSTEM ADMINISTRATION LAB**

**Experiment No.: 12**

**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**

Syntax:

CREATE DATABASE TRIGGER;

USE TRIGGER;

CREATE TABLE STUDENT(ID INT PRIMARY KEY , NAME VARCHAR(20) NOT NULL, SUBJ1 INT,SUBJ2 INT,SUBJ3 INT,TOTAL INT,PER INT);

CREATE TRIGGER MARKCHANGE BEFORE INSERT ON STUDENT FOR EACH ROW SET new.total=new.SUBJ1+new.SUBJ2+NEW.SUBJ3,NEW.PER=NEW.TOTAL \* 60/100;

insert into student(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(1001,'Emil',34,45,49);

insert into student(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(1002,'Sijo',45,46,41);

select \* from student;

**Output Screenshot**

