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**Roll No: 51**

**Batch: R MCA B**

**Date:10/06/2022**

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB**

**Experiment No.: 10**

**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: create database**

CREATE DATABASE DBMSTRIGGER;

USE DBMSLABTRIGGER;

**step 2: create table student**

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

**step 3: create trigger on student table**

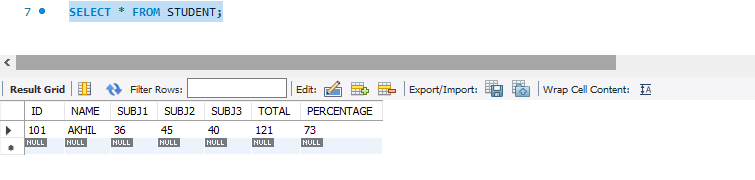
CREATE TRIGGER MARKUPDATE BEFORE INSERT ON STUDENT FOR EACH ROW SET new.total=new.SUBJ1+new.SUBJ2+NEW.SUBJ3,

NEW.PERCENTAGE=NEW.TOTAL \* 60/100;

**step 4: insert records**

INSERT INTO STUDENT(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(101,'AKHIL',36,45,40);

**OUTPUT**

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