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**Roll No: 51**

**Batch: R MCA B**

**Date:10/06/2022**

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB**

**Experiment No.: 11**

**Aim**

 Create a Trigger for student table that will update another table shows the name, total marks and percentage

**PROCEDURE**

**STEP 1: CREATE DATABASE**

CREATE DATABASE DBMSTRIGER;

USE DBMSTRIGER;

**STEP 2: CREATE TABLE STUDENT**

CREATE TABLE STUDENT(ID INT PRIMARY KEY,NAME VARCHAR(20),SUBJECT1 INT,SUBJECT2 INT,SUBJECT3 INT,TOTAL\_MARKS INT,PERCENTAGE FLOAT);

**STEP 3: CREATE TRIGGER ON STUDENT TABLE**

CREATE TRIGGER TRIG\_MARK BEFORE INSERT ON STUDENT FOR EACH ROW SET NEW.TOTAL\_MARKS = NEW.SUBJECT1 + NEW.SUBJECT2 +NEW.SUBJECT3,NEW.PERCENTAGE =NEW.TOTAL\_MARKS / 150 \* 100;

**STEP 4: CREATE ANOTHER TABLE**

CREATE TABLE MARKS(MARKID INT PRIMARY KEY AUTO\_INCREMENT,NAME VARCHAR(20),TOTAL\_MARKS INT,PERCENTAGE FLOAT);

**STEP 5: CREATE TRIGGER**

CREATE TRIGGER MARKS AFTER INSERT ON STUDENT FOR EACH ROW INSERT INTO MARKS(NAME,TOTAL\_MARKS,PERCENTAGE)VALUES(NEW.NAME,NEW.TOTAL\_MARKS,NEW.PERCENTAGE);

**STEP 6: INSERT RECORDS**

INSERT INTO STUDENT (ID,NAME,SUBJECT1,SUBJECT2,SUBJECT3) VALUES(11,'VINAY',37,36,38);

INSERT INTO STUDENT (ID,NAME,SUBJECT1,SUBJECT2,SUBJECT3) VALUE(12,'SURYA',46,27,35);

SELECT \*FROM MARKS;

SELECT \*FROM STUDENT;

**OUTPUT**

TABLE STUDENT

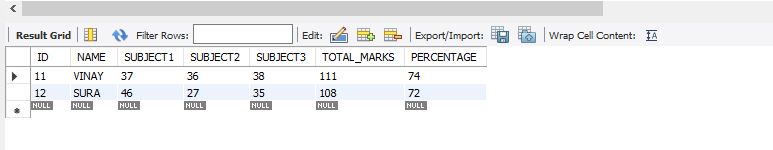


TABLE MARKS

