

ADVANCED DBMS LAB**Experiment No: 9****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:

```
CREATE DATABASE TRIGER;
```

```
USE TRIGER;
```

```
CREATE TABLE STUDENTINFO(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 STUDENTINFO FOR EACH ROW SET  
NEW.TOTAL=NEW.SUBJ1+NEW.SUBJ2+NEW.SUBJ3,
```

```
NEW.PER=NEW.TOTAL * 60/100;
```

```
INSERT INTO STUDENTINFO(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(1001,'EMIL',34,45,49);
```

```
INSERT INTO STUDENTINFO(ID,NAME,SUBJ1,SUBJ2,SUBJ3) VALUES(1002,'SIJO',45,46,41);
```

OUTPUT

	id	name	m1	m2	m3	total	per
▶	1001	silvia	34	45	49	128	77
	1002	shefany	33	40	39	112	67

Name: Silvia Thomas

Roll No:38

Batch: R-MCA

Date: 10-06-2022