

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

Syntax:

- CREATE TABLE STUDENTINFO (ID INT PRIMARY KEY, NAME VARCHAR(20) NOT NULL, SUBJ1 INT, SUBJ2 INT, TOTAL INT);
- CREATE TRIGGER MARKCHANGE BEFORE INSERT ON STUDENTINFO FOR EACH ROW SET new.total=new.SUBJ1+new.SUBJ2;
- Insert into studentinfo (ID, NAME, SUBJ1, SUBJ2) VALUES(1001, 'Keerthana', 34, 45);

insert into studentinfo(ID,NAME,SUBJ1,SUBJ2) VALUES(1002,'Ajay',35,37);

insert into studentinfo(ID,NAME,SUBJ1,SUBJ2)

insert into studentinfo(ID,NAME,SUBJ1,SUBJ2) VALUES(1003,'Nandana',40,45);

insert into studentinfo(ID,NAME,SUBJ1,SUBJ2) VALUES(1004,'Sree',37,38);

insert into studentinfo(ID,NAME,SUBJ1,SUBJ2) VALUES(1005,'Anu',30,37);

- SELECT *FROM STUDENTINFO;

OUTPUT:

	ID	NAME	SUBJ1	SUBJ2	TOTAL
▶	1001	Keerthana	34	45	79
	1002	Ajay	35	37	72
	1003	Nandana	40	45	85
	1004	Sree	37	38	75
	1005	Anu	30	37	67

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Roll No: 10

Batch: S2 RMCA-B

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