**Name: Merlin Moncy**

**Roll No: 21**

**Batch: R-MCA**

**Date: 10-06-2022**

**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 auto\_increment not null, 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;

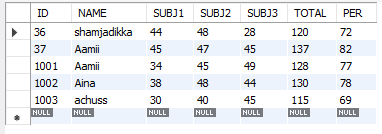
insert into studentinfo(id,name,subj1,subj2,subj3) values(1001,'aamii',34,45,49);

insert into studentinfo(id,name,subj1,subj2,subj3) values(1002,'aina',38,48,44);

insert into studentinfo(id,name,subj1,subj2,subj3) values(1003,'achuss',30,40,45);

select \* from studentinfo;

**Output**

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**Experiment No: 10**

**Aim**

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

**Commands:**

use triger;

create table marks(markid int primary key auto\_increment,name varchar(20),total\_marks int);

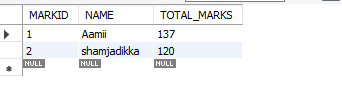
create trigger mark\_trigger after insert on studentinfo for each row insert into marks(name,total\_marks) values(new.name,new.total);

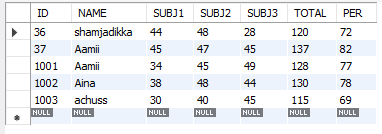
insert intostudentinfo(id,name,subj1,subj2,subj3)

values(37,'aamii',45,47,45),(36,'shamjadikka',44,48,28);

select \* from marks;

**OUTPUT**



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