**Name: SHAMJAD MAZOOD NAZER**

**Roll No: 36**

**Batch: RMCA-B**

**Date: 10-06-2022**

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB**

**Experiment No.: 10**

**Aim**

To familiarize with SQL Trigger Function.

**Questions**

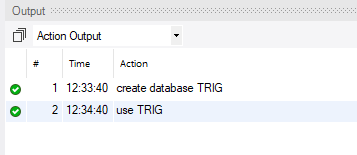
Create a student table with fields id, name, subject1, subject2, subject3 and total, percentage. For each entry of row, update total marks and percentage using triggers in SQL.

**Procedure**

create database TRIG;

use TRIG;

**Output Screenshot**

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CREATE TABLE Student(

tid int(4) NOT NULL PRIMARY KEY auto\_increment,

name varchar(30),

subj1 int(2),

subj2 int(2),

subj3 int(2),

total int(3),

per int(3)

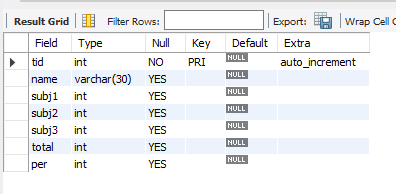
);

**Output Screenshot**



desc Student;

**Output Screenshot**

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create trigger marks

before

INSERT

on Student

for each row

set new.total = new.subj1 + new.subj2 + new.subj3, new.per = new.total \* 60 / 100;

desc Student;

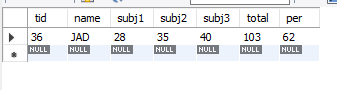
**Output Screenshot**

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insert into Student values(36, "JAD", 28, 35, 40, 0, 0);

select \* from student;

**Output Screenshot**

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create table marks(mark\_id int primary key auto\_increment,

name varchar(20),

total\_mark int

);

**Output Screenshot**

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create trigger mark\_trigger

after

INSERT

on Student

for each row

insert into marks(name, total\_mark) values (new.name, new.total);

**Output Screenshot**

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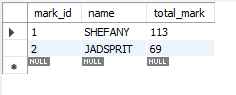
insert into student (tid, name, subj1, subj2, subj3)values(37, "SHEFANY", 35, 36, 42), (93, "JADSPRIT", 25, 24, 20);

**Output Screenshot**

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select \* from marks;

**Output Screenshot**

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