Assignment

Sept23/ DBT/128

Database Technologies

Diploma in Advance Computing

September 2023

**Trigger**

|  |
| --- |
| 1. Write a trigger (named insertStudent) that saves the message "Record inserted successfully" in LOG table as soon as you insert the record in insertStudent table. |
| drop trigger if exists queT1;  delimiter $  create trigger queT1 before insert on insertStudent for each row  BEGIN  insert into LOG1 values(new.id,new.name,"Record inserted successfully");  END $  delimiter ; |
|  |
| 1. Write a trigger (named insertDuplicate) on STUDENT table, that as when we INSERT a record in STUDENT table the same record should get duplicated (INSERTED) in STUDENT\_LOG table. (Create STUDENT\_LOG table, having the same structure as STUDENT table). |
| drop trigger if exists insertDuplicate;  delimiter $  create trigger insertDuplicate before insert on student for each row  BEGIN  insert into student\_log values(new.id,new.namefirst,new.namelast,new.dob,new.emailID);  End $  delimiter ; |
|  |
| 1. Write a trigger on STUDENT table, that as soon as we UPDATE student name column data in STUDENT table, the update record should get inserted in STUDENT\_LOG table. |
| drop trigger if exists updateT;  delimiter $  create trigger updateT after update on student for each row  BEGIN  insert into student\_log values(new.id,new.namefirst,new.namelast,new.dob,new.emailID);  End $  delimiter ; |
|  |
| 1. Write a trigger on STUDENT table, that as soon as we DELETE any record from STUDENT table, then that record should get inserted into STUDENT\_LOG table. |
| drop trigger if exists deltrig;  delimiter $  create trigger deltrig after DELETE on student1 for each row  BEGIN  insert into student\_log values(old.id,old.namefirst,old.namelast,old.dob,old.emailID);  end $  delimiter ; |
|  |
| 1. Write a trigger on STUDENT table, that if today is Sunday then, no record should get inserted in STUDENT table.   drop trigger if exists sunday;  delimiter $  create trigger sunday before insert on student1 for each row  BEGIN  if dayname(now()) = "sunday" then  signal sqlstate '42000' set message\_text = "today is sunday insertion is not available! ";  else  insert into student\_log values(new.id,new.namefirst,new.namelast,new.dob,new.emailID);  end if;  end $  delimiter ; |
|  |
|  |