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 t1;  delimiter $  create trigger t1 after insert on student for each ROW  BEGIN  insert into logg(message) values("record inserted SUCCESSFUL");  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 t1;  delimiter $  create trigger t1 after insert on student for each ROW  BEGIN  insert into student\_log(id,namefirst,namelast,dob,emailid) 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 t1;  delimiter $  create trigger t1 after update on student for each ROW  BEGIN  insert into student\_log(id,namefirst) values(new.id,new.namefirst);  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 t1;  delimiter $  create trigger t1 before delete on student for each ROW  BEGIN  insert into student\_log(id,namefirst,namelast,dob,emailid) 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 t1;  delimiter $  create trigger t1 before insert on student for each ROW  BEGIN  if dayofweek(now())=1 THEN  signal sqlstate"42000" set message\_text = "today is monday so data cannot be inserted";  end if;  END $  delimiter ; |
|  |