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 tr1;  delimiter $  create trigger tr1 before insert on insertstudent for EACH ROW  BEGIN  insert into log values ("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 tr1;  delimiter $  create trigger tr1 before insert on student1 for EACH ROW  BEGIN  insert into log\_student values (new.id , new.firstname , new.lastname);  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 tr1;  delimiter $  create trigger tr1 after UPDATE on student1 for EACH ROW  BEGIN  insert into log\_student values (new.id , new.firstname , new.lastname);  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 tr1;  delimiter $  create trigger tr1 before DELETE on st1 for EACH ROW  BEGIN  insert into log20 values (old.id,old.name );  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 tr5;  delimiter $  create TRIGGER tr5 before insert on st1 for each row  BEGIN  IF  dayname(now())='Sunday' then  signal sqlstate '42000' SET message\_text ='Invalid tran. holiday';  ELSE  insert into log20 values(new.id, new.name);  end if;  end $  delimiter ; |
|  |