Assignment

Sept23/ DBT/128

Database Technologies

Diploma in Advance Computing

September 2023

**Trigger**

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| 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 insertStudent;  delimiter $  create trigger insertStudent before insert on insertStudent for each row  begin  insert into log2 values(new.id,new.firstname,new.lastname,"Record inserted successfully");  end $  delimiter ; |
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| 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 insertStudent for each ROW  BEGIN  insert into student\_log values(new.id,new.firstname,new.lastname);  end $  delimiter ; |
| create table student\_log like insertStudent; |
| 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 updated;  delimiter $  create trigger updated before update on insertStudent for each ROW  begin  insert into student\_log values( new.id,new.firstname,new.lastname);  end $  delimiter ; |
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| 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 student1 for each ROW  BEGIN  insert into student\_log1 values(old.id,old.namefirst,old.namelast,old.DOB,old.emailid);  end $  delimiter ; |
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| 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 tr1;  delimiter #  create trigger tr1 before insert on student1 for each row  begin  if dayname(current\_date())='saturday' then  signal sqlstate '42000' set message\_text="invalid becuse today holiday";  end if;  end #  delimiter ; |
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