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 LOG1 FOR EACH ROW  BEGIN  insert into log values (new.id ,new.insertdate,new.inserttime,new.massage);  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 addstudent;  delimiter $  create trigger addstudent BEFORE insert on student\_log FOR EACH ROW  BEGIN  insert into student values ( new.id ,new.namefirst,new.namelast,new.dob ,new.emailid);  end $  delimiter ; |
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| 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 addstudent;  delimiter $  create trigger addstudent after update on student FOR EACH ROW  BEGIN  insert into student\_log values ( old.id ,new.namefirst,old.namelast,old.dob ,old.emailid);  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 addstudent;  delimiter $  create trigger addstudent before delete on student FOR EACH ROW  BEGIN  insert into student\_log 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 addstudent;  delimiter $  create trigger addstudent before insert on student FOR EACH ROW  BEGIN  if dayname(now())="sunday" then  signal sqlstate '42000' set message\_text="today is sunday";  ELSE  insert into student\_log values ( new.id ,new.namefirst,new.namelast,new.dob ,new.emailid);  end if;  end $  delimiter ; |
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