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 student FOR EACH ROW  BEGIN  INSERT INTO log12 values(new.id,new.namefirst,new.namelast,new.DOB,new.emailID);    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 insertStudent;  delimiter $  CREATE trigger insertStudent 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 ; |
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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 insertStudent;  delimiter $  CREATE trigger insertStudent after update on student FOR EACH ROW  BEGIN  INSERT INTO log12 values(old.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 DELETE any record from STUDENT table, then that record should get inserted into STUDENT\_LOG table. |
| DROP TRIGGER IF EXISTS insertStudent;  delimiter $  CREATE trigger insertStudent before delete on student FOR EACH ROW  BEGIN  INSERT INTO log12 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 insertStudent;  delimiter $  CREATE trigger insertStudent before insert on student FOR EACH ROW  BEGIN  if dayname(now())="friday"THEN  signal sqlstate '42000' set message\_text='no record should get inserted in STUDENT table because today is friday';  end if;  end $  delimiter ; |
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