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 insert\_students for each ROW  BEGIN  insert into log VALUES(NEW.id,CURRENT\_DATE,CURRENT\_TIME,'inserted suc');  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 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 update\_by\_student;  delimiter $  create TRIGGER update\_by\_student before UPDATE 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 DELETE any record from STUDENT table, then that record should get inserted into STUDENT\_LOG table. |
| drop TRIGGER if exists delete\_by\_student;  delimiter $  create TRIGGER delete\_by\_student 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 delete\_by\_student;  delimiter $  create TRIGGER delete\_by\_student BEFORE INSERT on STUDENT for each ROW  BEGIN  IF (dayname(now())='Sunday') THEN  signal sqlstate '42000' set message\_text='Today is sunday...';  end IF;  end $  delimiter ; |
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