Assignment

March23/ DBT/128

Database Technologies

Diploma in Advance Computing

March 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 after insert on student for each row  begin  insert into log (msg) values("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 after 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 updatestudent;  delimiter $  create trigger updatestudent after update on student for each row  begin  insert into student\_log(namefirst, namelast) values(new.namefirst, new.namelast);  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 insertDelete;  delimiter $  create trigger insertDelete after 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 tr1;  delimiter $  create trigger tr1 before insert on Student for each row  begin  if dayname(curdate())=='Sunday' then  Signal SQLSTATE 42000 Set Message\_Text="Invalid";  end if ;  end $  delimiter $ |
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