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 insert\_student;  delimiter $  create trigger insert\_student after insert on insertStudent  for each row  begin  insert into log values(default, date(now()),'Record inserted successfully', time(now()));  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.sname,new.city);  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 trig3;  delimiter $  create trigger trig3 after update on student for each row  begin  insert into student\_log values(new.id,new.sname,new.city);  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 trig4;  delimiter $  create trigger trig4 before delete on student for each row  begin  insert into student\_log values(old.id,old.sname,old.city);  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. |
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