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. |
| -- 128 1  drop trigger if exists tr2;  delimiter $  create trigger tr2 after insert on s1 for each row  begin  insert into logas values("Record got inserted");  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(id,namefirst) values(new.id,new.namefirst);  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 up;  delimiter $  create trigger up after update on student for each row  BEGIN  insert into student\_log (id,namefirst) values(new.id,new.namefirst);  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 d1;  delimiter $  create trigger d1 after delete on student for each ROW  begin  insert into student\_log(id,namefirst) values(old.id,old.namefirst);  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 dayinsertion;  delimiter $  create trigger dayinsertion before insert on student for each row  begin  if dayname(new.dob) ='Sunday'  THEN  insert into student (id,namefirst,dob) values (new.id,new.namefirst,new.dob);  end if;  end $  delimiter ; |
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