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 insertStudent for each row  begin    insert into log values (new.studentid,"Record inserted succesfully");    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\_T for each ROW  begin  insert into student\_log values (new.sid,new.sname,new.marks);    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 before update on student\_T for each ROW  begin  insert into student\_log values (new.sid,new.sname,new.marks);    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 updateStudent;  delimiter $  create trigger updateStudent before delete on student\_T for each ROW  begin  insert into student\_log values (old.sid,old.sname,old.marks);    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 updateStudent;  delimiter $  create trigger updateStudent before insert on student\_T for each ROW  begin  if dayname(curdate())='Sunday' then  signal sqlstate '42000' set message\_text="invalid record entry bcz today is Sunday";  end if;  end $  delimiter ; |
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