Assignment

Sept23/ DBT/128

Database Technologies

Diploma in Advance Computing

September 2023

**Trigger**

| 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. |
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| drop trigger if exists tr1;  delimiter $  create trigger tr1 before insert on student for each row  begin  insert into log values ('record inserted successfully', CURRENT\_DATE(), CURRENT\_TIME());  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 trifgger if exists tr2;  delimiter $  create trigger tr2 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 tr3;  delimiter $  create trigger tr3 after update on student for each row  BEGIN  insert into student\_log values (old.id,new.namefirst,new.namelast,old.dob,old.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 trifgger if exists tr2;  delimiter $  create trigger tr4 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 trifgger if exists tr2;  delimiter $  create trigger tr5 before insert on student for each ROW  BEGIN  if (DAYOFWEEK(Current\_date) != 1) then  insert into student\_log values (NEW.ID, New.namefirst, new.namelast,New.Dob, New.emailid);  end if;  end $  delimiter ; |
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