Assignment

**PRN NO - 230945920032\_230945920091**

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 AFTER insert on LOg for each row**  **BEGIN**  **insert into d1 values(new.deptno, new.dname, new.loc, CURRENT\_DATE(), user());**  **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 updateinfo;**  **delimiter $**  **create trigger updateinfo AFTER update on student for each row**  **BEGIN**  **insert into student\_log values(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 deleteinfo;**  **delimiter $**  **create trigger deleteinto 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(now())= 'saturday'**  **THEN**  **signal sqlstate '42000' set message\_text = 'invalid TRANSACTION , because today is saturday';**  **end if;**  **end $**  **delimiter ;** |
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