

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.

```
-- 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 ;
```

2. 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 ;
```

3. 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 ;
```

4. 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 ;
```

5. 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 ;
```