Assignment

Sept23/ DBT/128.1

Database Technologies

Diploma in Advance Computing

September 2023

**Trigger**

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| 1. Create a table R(id int, ename varchar(20), age int, message varchar(40)).   Write a trigger to insert a row in relation R if the age of the person is above 18 years else display message “Person not eligible for voting” |
| drop trigger if exists validateAge;  delimiter $  create trigger validateAge before insert on R10 for each row  BEGIN  if new.age < 18 then  signal sqlstate '45000'  set message\_text = "Person not eligible for voting";  end if;  end $  delimiter ; |
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| 1. Create two table patient registration table (pid int, pname varchar(20), age int) and patient prescription table (pid int, pdate date, medicine varchar(40))   Write a trigger to insert patient prescription details if the entered patient id is present in patient registration table else print “Person is not a registered patient”. |
| drop trigger if EXISTS validateId;  delimiter $  create trigger validateId before insert on patient\_prescription for each ROW  BEGIN  declare ifId bool;  select distinct true into ifId from patient\_registration where pid != new.pid;  if ifId THEN  signal sqlstate '45000'  set message\_text = "Person is not a registered patient";  end if;  end $  delimiter ;  ***or***  drop trigger if EXISTS tr1;  delimiter $  create trigger tr1 before insert on patient\_prescription for each ROW  BEGIN  declare flag bool;  set flag=true;  select false into flag from patient\_registration where pid = new.\_pid;  if flag THEN  signal sqlstate '45000'  set message\_text = "Person is not a registered patient";  end if;  end $  delimiter ;  ***or***  drop trigger if exists tr1;  delimiter $  create trigger tr1 before insert on patient\_prescription for each row  begin  declare p int;  set p:= 0;  select pid into p from patient\_registration where pid=new.\_pid;  if p!=new.\_pid then  signal sqlstate '45000'  set message\_text = "Person is not a registered patient";  end if;  end $  delimiter ; |
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