Assignment

Sept23/ DBT/128.1

Database Technologies

Diploma in Advance Computing

September 2023

**Trigger**

| 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” |
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| drop trigger if exists tr6;  delimiter $  create trigger tr6 before insert on votes for each row  BEGIN  if(new.age>18) then  insert into vote(candidateid,age) values ( new.candidateid, new.age);  else  insert into vote(candidateid,age) values ( new.candidateid, 'Voter is under age of 18');  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 tr1;  delimiter $  create trigger tr1 before insert on P\_PRESC\_1 for each ROW  BEGIN  declare x bool;  select true into x from P\_reg where pid = new.pid;  IF (x=true) THEN  INSERT INTO P\_PRESC VALUES (NEW.PID, CURRENT\_DATE(),NEW.MEDICINE);  ELSE  INSERT INTO P\_PRESC VALUES (NEW.PID, CURRENT\_DATE(),'PERSON IN NOT A REGISTERED PATIENT');  END IF;  END $  DELIMITER ; |
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