Assignment

Sept23/ DBT/126

Database Technologies

Diploma in Advance Computing

September 2023

**Procedure**

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| 1. Create a LOGIN table (username, password, and email). Write a procedure (named ***addUser***) to pass the username, password, and email-ID through the procedure and store the data in the LOGIN table. |
| drop procedure if exists addUser;  delimiter $  create procedure addUser(username varchar(50), password varchar (50), email varchar(50))  begin  create table login(username varchar(50), password varchar(50), email\_ID varchar(50));  end $  delimiter ; |
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| 1. Create a LOG table having following columns (id (auto\_increment), curr\_date, curr\_time, and message). Write a procedure (named ***checkUser***) to pass the email-ID as an input, check whether passed email-ID is available in LOGIN table or not available. If the email-ID is available then display the username and his password. If the email-ID is not available then, insert (curr\_date, curr\_time, and message) in LOG table. |
| drop procedure if exists checkUser;  delimiter #  create procedure checkUser(\_emailID varchar(50))  BEGIN  declare flag bool;  select true into flag from login where email\_ID = \_emailID;  if flag THEN  select username, password from login;  ELSE  insert into log(curr\_date, curr\_time, message) values(current\_time(), current\_time(), user());  end if;  end #  delimiter ; |
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| 1. Write a procedure(named getQualification) that takes studentID as a parameter. If studentID is present in the student table, then print his student details along with STUDENT\_QUALIFICATION details and if the studentID is not present display message “Student not found…” (Use: STUDENT, and STUDENT\_QUALIFICATION tables) |
| drop procedure if exists getQualification;  delimiter %  create procedure getQualification(\_studentID int)  BEGIN  declare flag bool;  select true into flag from student where id = \_studentID;  if flag THEN  select s.\*, sq.\* from student s , student\_qualifications sq where s.id = \_studentID and sq.studentID = \_studentID ;  ELSE  select "student not found";  end if;  end %  delimiter ; |
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| 1. Write a procedure (named addStudent) that inserts a new student with his phone number and his address into the STUDENT, PHONE, and ADDRESS table. |
| drop procedure if exists addStudent;  delimiter $  create procedure addStudent(id int, namefirst varchar(50), namelast varchar(50), dob date, emailid varchar(50), sid int, \_number LONG, isactive BOOLEAN, aid int, address varchar(50))  begin  insert into student values( id,namefirst, namelast, dob, emailid);  insert into student\_phone values(sid, id,\_number, isactive);  insert into student\_address values(aid,id,address);  end $  delimiter ; |
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| 1. Write a procedure (named addQualification) that takes studentID, and qualification details as a parameter. If studentID is present in the STUDENT table, then insert the qualification in STUDENT\_QUALIFICATION table and return a message “Record inserted” or else print ‘Student not found’. (hint: using OUT parameter) (Use: STUDENT, and STUDENT\_QUALIFICATION tables) |
| drop procedure if exists string4;  delimiter $  create procedure string4(\_id int, sid int, name varchar(50), college varchar(50),university varchar(50), marks varchar(10), \_year int, out msg varchar(50))  begin  declare flag bool;  select true into flag from student where id = \_id;  if flag THEN  insert into student\_qualifications values(sid, \_id, name, college, university, marks, \_year);  set msg := "record inserted";  ELSE  select "Student not found";  end if;  end $  delimiter ; |
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