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. |
| mysql>create table login (username varchar(50), password varchar(50),email varchar(100));  drop procedure if exists addUser;  delimiter $  create procedure addUser( p1 varchar(50), p2 varchar(50),p3 varchar(100))  begin    insert into login values(p1,p2,p3);    end $  delimiter ;  mysql> call addUser('sonalikhedkar','khedkar@12','khedkarsona9@gmail.com'); |
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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(\_email varchar(128))  begin  declare flag bool;  select true into flag from login where email=\_email;  if flag then  select username,password from login where email=\_email;  else  insert into LOG1 values(1,current\_date(), current\_time(), "emailid not Present");    end if;  end $  delimiter ; |
| >create table LOG1 (id int primary key auto\_increment, curr\_date date, curr\_time time,message varchar(128));  >call checkUser('khedkarsona9@gmail.com'); |
| 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 getQualifications;  delimiter $  create procedure getQualifications(\_studentid varchar(128))  begin  declare flag bool;  select true into flag from student where id=\_studentid;  if flag then  select \* from student inner join student\_Qualifications on student.id=student\_Qualifications.studentid where studentid=\_studentid;  else  select "Student not found…";    end if;  end $  delimiter ; |
| mysql> call getQualifications(18); |
| 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()  BEGIN  insert into student VALUES(29,'sonali','khedkar','2002-01-02','khedkarsona9@gmail.com');  insert into student\_phone values(42,29,'8080675257',0);  insert into student\_address values (29,29,"pune mahrashtra");    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 addqualification;  delimiter $  create procedure addqualification(\_id int,\_studentid int ,\_name varchar(20),\_college varchar(128),\_university varchar(128),\_marks int,\_year year,out msg varchar(128))  begin  declare flag bool;  select true into flag from student where id=\_studentid;  if flag THEN  insert into student\_qualifications values(\_id,\_studentid,\_name,\_college,\_university ,\_marks,\_year);  else  select "student not found" into msg;  end if;  end $  delimiter ; |
| call addqualification(86,30,'BE','GECA','BAMU',70,'2023', @msg );  select @msg; |