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 login;  delimiter $  create procedure login()  begin  create table login (\_id int primary KEY, \_username varchar(20),\_password varchar(10),\_emailid varchar(20));  end $  delimiter ;  //call login();  drop PROCEDURE if exists adduser;  delimiter $  create PROCEDURE adduser(\_id int , \_username varchar(20),\_password varchar(20),\_emailid varchar(20))  BEGIN    insert into login values (\_id,\_username,\_password,\_emailid);  end $  delimiter ;  //call addUser(1,'raj','123456','pqr@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 log5;  delimiter $  create procedure log5()  BEGIN  create table LOG(id int primary key auto\_increment,insertdate date,inserttime time,massage varchar(200));  end $  delimiter ;  //call log5();  DROP PROCEDURE IF EXISTS CHECKUSER;  delimiter $  CREATE PROCEDURE CHECKUSER(id int,EMAIL\_ID VARCHAR(200),massage varchar(200))  BEGIN  declare x bool;  select true into x from login where EMAIL\_ID=\_emailid;  IF x=true then  select \_username,\_password from login;  else  insert into LOG values(id,current\_date,current\_time,massage);  end if;  end $  delimiter ;  //call checkuser(1,’xyz@gmail.com’,’hiii’);  //call checkuser(1,’asdadd@gmail.com’,’hiii’); |
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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(pstudentid int)  BEGIN  declare x bool;  select true into x from student s where s.id=pstudentid;  IF x=true then  select s.\* ,sq.\* from student s join student\_qualifications sq where s.id=sq.studentid and s.id= pstudentid;  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 addstuddent;  delimiter $  CREATE PROCEDURE addstudent( id INT , namefirst varchar(20), namelast varchar(50), dob date, emailid varchar(20) , spID int , number1 varchar(20),isActive bool,aID int,address varchar(20))  BEGIN  insert into student values ( id,namefirst,namelast,dob, emailid);  insert into student\_phone values ( spid,id,number1,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 addQualification;  delimiter $  CREATE PROCEDURE addQualification( id int,pstudentID int, name varchar(20),college varchar(20),university varchar(50) ,marks int,year1 varchar(10))  BEGIN  declare x bool;  select true into x from student s where s.ID=pstudentID;  IF x=true then  insert into student\_qualifications VALUES(id,pstudentID,name,college,university,marks,year1);  select "Record inserted";  else  select "Student not found";  end if;  end $ |
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