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(in \_username VARCHAR(45), in \_password VARCHAR(45), in \_emailid VARCHAR(45))  BEGIN  insert into login values (\_username, \_password, \_emailid );  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(\_email varchar(100))  begin  declare v1 bool;  select true into v1 from user\_1 where email=\_email;  if v1 THEN  select username as uname,password as pwd from user\_1 where email=\_email;  ELSE  insert into table\_login(curr\_date,curr\_time,message) values(curdate(),curtime(),"data added successfully");  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(\_id INTEGER)  BEGIN  declare v1 bool;  select true into v1 from student where id=\_id;  if v1 THEN  select \* from student where id=\_id;  select \* from student\_qualifications where studentid=\_id;  ELSE  select "Student not found" as r1;  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 addqualifications;  delimiter $  create procedure addqualifications(\_id int)  begin  declare a BOOLEAN;  select true into a from student where id=\_id;  if a then  select \* from student where id=\_id;  select \* from student\_qualifications where studentid=\_id;  select "record inserted" as msg;  else  select "student not found" as msg;  end if;  end $  delimiter ; |
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