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 c1 varchar(20),in c2 varchar(20),in c3 varchar(20))  begin  create table login(username varchar(20) ,password varchar(10) , email varchar(20));  insert into login values(c1,c2,c3);  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(in c1 varchar(20))  BEGIN  declare flag bool;  select true into flag from login where email=c1;  if flag then  select username,password from login where email=c1;  ELSE  insert into log(CURRENT\_DATE1, current\_time1, message) values('1999-01-10','10:32:12','gfsfdshd');  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 s where s.id=studentID;  if flag THEN  select \* from student s join student\_qualifications sq on s.id=sq.studentid where s.id=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,phn int,add1 varchar(20))  begin  insert into student(id) values(id);  insert into student\_phone(id,studentid,number) values(51,id,phn);  insert into student\_address(id,studentid,address) values(50,id,add1);  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(iid int,qua varchar(10),out msg varchar(100))  begin  declare flag bool;  select true into flag from student s where iid=s.ID;  if flag then  insert into student\_qualifications(id,studentid,name) values(90,iid,qua);  set msg := 'record inserted';  ELSE  set msg := 'record not found';  end if;  end $  delimiter ; |
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