Assignment

Mar24/ DBT/126

Database Technologies

Diploma in Advance Computing

March 2024

**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. |
| create table login  ( username varchar (20), password varchar(20), email varchar(20));  drop procedure if exists adduser;  delimiter $  create procedure adduser ( username varchar (20), password varchar(20), email varchar(20))  begin      insert into login values(username, password, email);      select "data inserted in login table";      select \* from login;  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. |
| create table log (id int auto\_increment primary key , curr\_date datetime, curr\_time datetime, message varchar(30));  drop procedure if exists checkUser;  delimiter $      create procedure checkUser ( in emailID varchar(25))  begin      declare user\_name varchar(20);      declare user\_password varchar(20);      select username, password into user\_name, user\_password from login where email=emailID;  if user\_name is not null and user\_password is not null then      select user\_name, user\_password as message;  else      insert into log (curr\_date, curr\_time, message) values((select current\_date), (select current\_time),"Record not found");      select \* from log;  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 (in id int )  BEGIN      declare x int;      set x=id;  if x is not null then      select  s.\*, sq.name from student s join student\_qualifications sq on x=s.id and s.id=sq.studentId ;  else  select "Record not found";  end if;  end $  delimiter ;  drop procedure if exists addstudent ;  delimiter $      create procedure addstudent ()  BEGIN |
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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( sid int, namefirst varchar(80),namelast varchar(80), DOB date, emailID varchar(40), num varchar(10), isactive boolean , address varchar(40))  Begin  insert into student values(sid,namefirst,namelast,dob,emailId);    insert into student\_phone values(42, sid, num,isactive );    insert into student\_address values(29, sid, 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) |
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