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;  drop table if exists login;  delimiter $  create table login(Username varchar(20), Password int , EmailID varchar(50));  create procedure addUser(in \_username varchar(20), in \_password int, in \_email varchar(50))  begin  insert into login values(\_username, \_password, \_email);  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;  drop table if exists log0;  delimiter $  create table log0(ID int primary key auto\_increment, curr\_date date, curr\_time time, Message varchar(100));  create procedure checkUser(in \_mail varchar(50))  begin  declare check1 bool;  select true into check1 from login where emailID = \_mail;  if check1 then  select UserName, Password from login where emailID = \_mail;  else  insert into log0 values(id,current\_date, current\_time, \_mail);  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 \_studentid int)  begin  declare check1 bool;  select true into check1 from student where ID = \_studentid;  if check1 then  select s.id ID, Namefirst, Namelast, DOB, EmailID, name Degree, College, University, Marks, year from student s join student\_qualifications sq where s.id = sq.studentid and sq.studentid = \_studentid ;  else  select "Student not found !" as "Error Window";  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(in \_id int, in \_namefirst varchar(45), in \_namelast varchar(45), in \_dob date, in \_emailid varchar(128), in \_number varchar(45), in \_address varchar(128))  begin  insert into student values(\_id, \_namefirst, \_namelast, \_dob, \_emailid);  insert into student\_phone values(id, \_id, \_number, 1);  insert into student\_address values(id, \_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(in \_studentid int, in \_name varchar(45), in \_college varchar(45), in \_university varchar(50), in \_marks int, in \_year int)  begin  declare check1 bool;  select true into check1 from student where id = \_studentid;  if check1 then  insert into student\_qualifications values(id, \_studentid, \_name,\_college, \_university, \_marks, \_year);  select "Record inserted" as "Window";  else  select "Student not found" as "Error Window";  end if;  end $  delimiter ; |
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