­­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(username varchar(10),password varchar(10),email varchar(20))  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;  delimiter $  create procedure checkUser(emailid varchar(20))  BEGIN  declare x bool;  select true into x from login where email=emailid;  if x then  select username, password from login ;  else  insert into log (curr\_date,curr\_time,message)VALUES(current\_date(),current\_time(),'invalid');  end if;  select curr\_date,curr\_time,message from log;  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 x bool;  select true into x where \_studentid in( select id from student);  if x THEN  select \* from student s join student\_qualifications sq on s.id=sq.studentid where s.id=\_studentid;  else  select "student Not Found"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(id int ,namefirst varchar(20) ,  namelast varchar(30),dob varchar(30),emailid varchar(30),num varchar(30),address varchar(30))  BEGIN  insert into student(id,namefirst,namelast,dob,emailid) VALUES(id,namefirst,namelast,dob,emailid);  insert into student\_phone(id,studentid,number) VALUES(60,id,num);  insert into student\_address(id,studentid,address) VALUES(67,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) |
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