Assignment

Mar23/ DBT/126

Database Technologies

Diploma in Advance Computing

March 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()  BEGIN  declare x varchar(20);  declare y var  char(20);  declare z VARCHAR(20);    set x := 'yes';  set y := 'no';  set z := 'Whoa';    insert into login(username,password,email) values (x,y,z);  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(e varchar(30))  BEGIN  declare c BOOLEAN default false;  select true into c from login where email=e;    if c = true THEN  select username,password from login;  ELSE  select \* from log;  end if;  end $  delimiter ; |
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| 1. Write a procedure(named getQualification) that takes studentID as a parameter. If studentIDis present in the student table, then print his student details along with STUDENT\_QUALIFICATION details and if the studentIDis not present display message “Student not found…” (Use: STUDENT, andSTUDENT\_QUALIFICATION tables) |
| drop procedure if exists getQualification;  delimiter $  create procedure getQualification(x int)  bEgin  declare a bool default false;  select true into a from student where id=x;  if a=true then  select \* from student join student\_qualifications on student.id=student\_qualifications.studentid  where student.id=x;  ELSE  select "Not present";  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. |
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| 1. Write a procedure (named addQualification) that takes studentID, and qualification details as a parameter. If studentIDis 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, andSTUDENT\_QUALIFICATION tables) |
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