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(30) , password VARCHAR(30) , emailid varchar(30))  BEGIN  /\* create table login(USERNAME varchar(30) , password VARCHAR(30) , emailid varchar(30));\*/  insert into login VALUES(USERNAME,password,emailid);  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(40),message varchar(30))  BEGIN  declare x bool;  select true into x from login where emailid=\_emailid;  if(x=TRUE) THEN  select username,password from login;    else  insert into logs(curr\_date,curr\_time,message)values(now(),current\_time(),message);  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(\_id int)  begin  declare x bool;  select true into x from student where id=\_id;  if(x=TRUE) THEN  select \* from student s join student\_qualifications sq on s.id=sq.studentid where s.id=\_id ;  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(id1 int,NameFirst varchar(20),NameLast varchar(20),num varchar(10),address varchar(100))  begin  insert into student(id,namefirst,namelast) values(id1,nameFirst,nameLast);  insert into student\_phone(id,studentid,number) values(id1,id1,num);  insert into student\_address(id,studentid,address)values(id1,id1,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(sid int,id1 int,name varchar(128),college varchar(128),university varchar(128),marks varchar(45),years int)  begin  declare x bool;  select true into x from student where id=sid;  if(x=TRUE) THEN  insert into student\_qualifications values(id1,sid,name,college,university,marks,years);  else  select "Student not found";  end if;  end $  delimiter ; |
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