­­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 login;  delimiter $  CREATE PROCEDURE login(name varchar(30) ,password varchar(30),emailid varchar(30))  BEGIN  CREATE table t1(name varchar(30) ,password varchar(30),emailid varchar(30));  insert into t1 VALUES(name,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(email VARCHAR(50), message varchar(50))  BEGIN  DECLARE flag BOOL;  declare exit handler for 1050 select "Table Already Exists, new data added";  select true into flag from t1 where emailid=email;  if flag then  select \* from t1 where emailid=email;  ELSE  create table t234 (id int auto\_increment PRIMARY key, currentDate DATE, currentTime TIME, msg varchar(50));  INSERT into t234 (currentDate, currentTime, msg) VALUES (CURRENT\_DATE(), 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(studentID int)  BEGIN  DECLARE flag BOOL;  SELECT TRUE into flag from student where id=studentID;  IF flag THEN  select s.id,namefirst,namelast,dob,emailid, name,college,university from student s join student\_qualifications sq where s.id=sq.studentID;  else  SELECT "Student not found"r1;  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  DECLARE flag bool;  select true into flag from student, student\_phone1, student\_address where student.id=\_id;  if flag THEN  select "Data already exists fro this id";  ELSE  INSERT into student (id,namefirst,namelast,dob) VALUES (\_id,\_namefirst,\_namelast,\_dob);  INSERT into student\_phone1 (id,number1) VALUES (\_id,\_num);  INSERT into student\_address (id, studentID,address) VALUES (\_id,\_id,\_address);  end IF;  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 , studentid int, name varchar(30), college varchar(30), university varchar (30), marks varchar (30), years int)  BEGIN  declare flag bool ;  SELECT true into flag from student where id = studentid;  If flag then  insert into student\_qualifications VALUES(sid, studentid, name, college, university, marks, years);  ELSE  SELECT 'student not found';  end if;  end $  delimiter ; |
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