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(100),password varchar(100),email varchar(100))  BEGIN  DECLARE exit handler for 1062  select "Error" as "Error Meassage";  INSERT into login values(username,password,email);  SELECT "OK";  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(100),message varchar(100))  BEGIN  DECLARE x bool;  select true into x from LOGIN where email=\_email;  if (x=true) THEN  select username,password from LOGIN where email=\_email;  ELSE  insert into LOG (curr\_date,curr\_time,message) values(CURRENT\_DATE(),CURRENT\_TIME(), message);  select "curr date and time INSERTed";  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 checkUser;  delimiter $  create procedure checkUser(\_email varchar(100))  BEGIN  declare flag bool;  select true into flag from login where email=\_email;  if flag THEN  select username,password from login where email=\_email;  ELSE  insert into log (curr\_date,curr\_time,message) values(current\_date(),current\_time(),"INVALID LOGIN");  select "INVALID LOGIN";  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 getid;  delimiter %  create procedure getid(\_id int)  BEGIN  declare flag bool;  select true into flag from student where id=\_id;  if flag then  select s.\*,sq.\* from student s join student\_qualifications sq on s.id=sq.id where s.id=\_id;  ELSE  select "student not found";  end if;  END %  delimiter ;  \*/  /\*  drop procedure if exists addstudent;  delimiter @  create procedure addstudent(\_id int,\_namefirst varchar(10), \_namelast varchar(10),\_DOB date, \_emailid varchar(100),  \_number varchar(100), \_isActive binary, \_address varchar(10000))  BEGIN  declare exit handler for 1062  select "ERROR" as "ERROR MEassage";  insert into student values(\_id,\_namefirst,\_namelast,\_dob,\_emailid);  insert into student\_phone (id,studentid,number,isActive) values(42,\_id,\_number,\_isActive);  insert into student\_address(id,studentid,address) values(29,\_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 addQualifications;  delimiter !  create procedure addQualifications(\_id int,\_studentid int, \_name varchar(128),\_college varchar(100),\_university varchar(128),\_marks varchar(128),\_year int)  BEGIN  declare flag bool;  declare exit handler for 1062  select "Values duplicated" as "ERROR MEassage";    select true into flag from student where id=\_studentid;  if flag then  insert into student\_qualifications values(\_id,\_studentid,\_name,\_college,\_university,\_marks,\_year);  select "record inserted successfully!";  ELSE  select "student not present";  end if;  END !  delimiter ; |
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