­­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(u varchar(50),e varchar(100),p varchar(10))  BEGIN  insert into LOGIN values(u,e,p);  select \* from login;  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(p varchar(50))  BEGIN  if p in(select emailid from login) THEN  select userName,password from login where emailid=p;  ELSE  insert into logg(curr\_date,curr\_time,message) values(CURRENT\_DATE(),CURRENT\_TIME(),"New Emailid");  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(i int)  BEGIN  if i in(select studentid from student\_qualifications) THEN  select \* from student s join student\_qualifications sq on s.id=sq.studentid where studentid=i;  ELSE  select "Student not found" as "message";  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(nm varchar(20),num int,adr varchar(100))  BEGIN  insert into stud(name) values(nm);  insert into stud\_phone(phone) values(num);  insert into stud\_address(address) values(adr);  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,qua VARCHAR(20))  BEGIN  set @d=0;  select max(id)+1 into @d from student\_qualifications;  if sid in(select studentid from student\_qualifications) THEN  insert into student\_qualifications(id,studentid,name) values(@d,sid,qua);  select "Record Inserted";  ELSE  select "Student not found";  end IF;  end $  delimiter ; |
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