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(in username varchar(30), in password varchar(20), in emailid varchar(50))  BEGIN  insert into login VALUES(username, password, emailid);  select "Record inserted successfully";  end $  delimiter ; |
| call addUser('yash\_patils','1234567890','yash.iet@gamil.com'); |
| 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(30))  begin  declare flag bool;  select true into flag from login where emailid=email;  if (flag=true) THEN  select username, password from login where emailid=email;  ELSE  insert into log1( cur\_date, cur\_time, message) values (current\_date, current\_time, "Wrong 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 (studentId int)  begin  declare flag bool;  select true into flag from student where id = studentId;  if (flag = true)then  select \* from student s join student\_qualifications sq on s.id = sq.studentID where s.id = studentId;  else  select "Student not found";  end if;  end $  delimiter ; |
| source C:\Users\IET\Desktop\230945920068 and 230945920009\dbt\plsql day1\student\_qualification.sql  call getQualification(2); |
| 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,pid int, aid int,namefirst varchar(20), namelast varchar(20), dob date , emailId varchar(20),  \_number varchar(10), \_address varchar(50))  begin  insert into student values(id ,namefirst, namelast, dob, emailId);  insert into student\_phone(id,studentid,number) values(pid,id,\_number);  insert into student\_address(id,studentid,address) values(aid,id,\_address);  end $  delimiter ; |
| call addStudent(35,50,50,'yah','pail','2002-09-27','yash.iet@gmail.com','1230007890','genagar'); |
| 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(in \_id int,in \_studentid int,in \_name varchar(128), \_college varchar(128),  \_university varchar(128), \_marks varchar(45), \_year int)  begin  declare flag bool;  select true into flag from student where id=\_studentid;  if flag THEN  insert into student\_qualifications(id,studentid,name, college, university, marks, year)  values(\_id,\_studentid,\_name, \_college, \_university,\_marks,\_year);  select " Record inserted";  ELSE  select "Student not found";  end IF;  end $  delimiter ; |
| call addQualification(441,36452,'be','gsm','sppu','75',2023); |