Assignment

Sept23/ DBT/126
Database Technologies
Diploma in Advance Computing
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Procedure

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(45), in _password VARCHAR(45), in
_emailid VARCHAR(45))
BEGIN
    insert into login values (_username, _password, _emailid );
end $
delimiter ;
```

2. 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))
begin
    declare v1 bool;
    select true into v1 from user_1 where email=_email;
    if v1 THEN
            select username as uname,password as pwd from user_1 where email=_email;
    ELSE
            insert into table_login(curr_date,curr_time,message) values(curdate(),curtime(),"data
added successfully");
    end if ;
end $
delimiter ;
```

3. 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 INTEGER)
BEGIN
    declare v1 bool;
    select true into v1 from student where id=_id;
    if v1 THEN
            select * from student where id=_id;
            select * from student_qualifications where studentid=_id;
```

```
    ELSE
            select "Student not found" as r1;
    end if ;
end $
delimiter ;
```

4. 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 addstuddent;
delimiter $
 CREATE PROCEDURE addstudent(  id INT , namefirst varchar(20), namelast varchar(50), dob
date, emailid varchar(20) , spID int , number1 varchar(20),isActive  bool,aID int,address
varchar(20))
 BEGIN
     insert into student values ( id,namefirst,namelast,dob, emailid);
      insert into student_phone values ( spid,id,number1,isactive);
       insert into student_address values ( aid,id,address);
 end $
delimiter ;
```

5. 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)
begin
declare a BOOLEAN;
select true into a from student where id=_id;
if a then
select * from student where id=_id;
select * from student_qualifications where studentid=_id;
select "record inserted" as msg;
else
 select "student not found" as msg;
 end if;
 end $
 delimiter ;
```