## 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 u varchar(100) ,in p varchar(20) ,in e varchar(20))
BEGIN
 insert  into login values(u,p,e);
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(in x varchar(100))
BEGIN
  declare emailID varchar(100);
  select email into emailID from login where email = x;
  if x = emailID THEN
     select username , password from login where email = x;
  else
     insert into LOG values(default,curdate(),curtime(),"email is invalid");
  end if;
end $
delimiter ;
```

3. Write a procedure(named getQualification) that takes studentID as a parameter. If studentIDis present in the student table, then print his student details along with STUDENT_QUALIFICATION details and if the studentIDis not present display message “Student not found…” (Use: STUDENT, andSTUDENT_QUALIFICATION tables)

```
drop procedure if exists stud;
delimiter $
create procedure stud(in x int)
BEGIN
declare studentID varchar(100);
  select id into studentID from student where id=x;
  if x = studentID then
  select s.* , q.* from student s join student_qualifications q on s.id=q.studentID where s.id = x;
  else
  select "Student not found";
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 addStudent;
delimiter $
create procedure addStudent( in studentid int , in namefirst varchar(20) , in namelast varchar(20) , in DOB date , in email varchar(20) , in phone varchar(10) , in addr varchar(100))
BEGIN
 declare y int;
 declare cntA int;
 declare cntm int;
 select id into y from student where student.id=studentid;
 select count(*) into cntA from student_address;
 select count(*) into cntm from student_phone;
  if y != 0 then
    select ("It already exists");
  else
    insert into student values(studentid,namefirst,namelast,DOB,email);
    insert into student_phone values(cntm+1,studentid,phone,1);
    insert into student_address values(cntA+1,studentid,addr);
  end if;
end $
delimiter ;
```

5. Write a procedure (named addQualification) that takes studentID, and qualification details as a parameter. If studentIDis 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, andSTUDENT_QUALIFICATION tables)

```
drop procedure if exists addQualifications;
delimiter $
create procedure addQualifications(in studentID int)
BEGIN
  declare x int;
  declare y int;
  select id into x from student where id=studentID;
   if studentID = x then
     select (max(id))+1 into y from student_qualifications;
     insert into student_qualifications values(y,studentid,'sim','sam','anki','97','2003');
     select "record inserted ^ ^";
   ELSE
     select "student not found " ;
   end if;
 end $
delimiter ;
```