Roll Nos ending with 1,5,9

 1) Consider the following relations

Student (Rollno, deptid, Name, Math, Phy, Chem, Year_of_ study)
Dept (deptid, dname, location, HOD)

1. A list of all students who secured over 90 on math paper?
2. Create a view with of all students who secured more than 85 in all subjects?
3. Declare Results: Print the results of all students with result column?
4. What are the average marks of the class for each subject?
5. What is the minimum, maximum and average mark in the course Math?
6. Get all information about students studying in 'CSE' department including the
department information?
7. In a system, when something goes wrong error 'message ' has to be stored in a log file with
timestamp. Write a procedure to create and insert msg into the log file '_Debug' . Also write
another
procedure to clear the messages in the log file '_Debug'.
8. Write a procedure to display minimum, maximum and average mark of a particular
student.
9. Write a function to display the year of study of a particular student (use roll No to derive).
10.Define triggers that fire when a student drops a course, changes her major, or when
her grade average drops below a certain threshold. (For simplicity, assume that there
is a function, grade_avg(), which takes a student Id and returns the student average.

2) Design an online Blood Donor Information System for using HTML, PHP and MySQL.
Donor (Donorid, Name, Region, Phone_number, Blood_group) .
 Implement   insert and display details module.

Roll Nos ending with 3,7

1) Create the following tables

EMPLOYEE (fname ,lname,ssn,bdate ,address, sex,salary ,superssn (ssn of his/her supervisosr),dno (department no of dept. he/she has been employeed) workexp)
DEPARTMENT (dname ,dno ,mgrssn (ssn of the manager of the department) ,dlocation)
PROJECT (pname ,pnumber, plocation, dno)

1. Find the maximum and minimum salary of all employees
2. Count the no of distinct salary values in the database.
3. Create index for employee table based on fname
4. Get all information about employees working in 'Research' department including the department information.
5. Create a view with fname, deptid, projectnumber
6. In a system, when something goes wrong error 'message ' has to be stored in a log file with timestamp. Write a procedure to create and insert msg into the log file '_Debug'. Also write another procedure to clear the messages in the log file '_Debug'.
7. Write a procedure to display minimum, maximum and average salary of employee in a department.
8. Write a function to display an employee retirement date (max(age(55), workexp(30)) use DoJ to manipulate.
9. Write a trigger to check the age (between 22-29) before inserting a new employee.
10. Define triggers that fire when an employee drops a project, changes his dept.

2) Design an online Student Information System for using HTML, PHP and MySQL.
 Student (roll_no, name, course, branch, year, phone_no)

   The Student details Management System must contain two modules.
   - The insert module must be able to insert student's details into the database.
   - The update module must be able to accept the roll_no of the student and update his phone number.