Database Lab Test

1. Create table Employee with columns emp_id, emp_name, emp_role, emp_hiredate, emp_salary, emp_phone and emp_address. Insert 10 records into the table. Perform the following operations on your table.
   a. Display records that have emp_name starting with a,b,d and k. Also display records that end with e, r, k and n.
   b. Display records having salary ranging from 300000 to 1400000. Show emp_name and emp_hiredate where emp_hiredate is between 01-01-2008 to 01-08-2016.
   c. Display the count of emp_id. Show distinct emp_name from the table. Calculate the average salary of all employees. Find the minimum and maximum salary among all records.
   d. Alter the table to add column emp_experience. Show the emp_name and emp_experience where emp_experience>3 years.
   e. Alter table to remove column emp_address. Show complete table.
   f. Show records where emp_id=4, 6 and 10. Show table excluding records with emp_id= 1, 3 and 7.
   g. Order the table according to emp_salary. Order the table in descending order of emp_hiredate. Display complete table.
   h. Update the table where emp_id=2, change the emp_name=”Richa Fernandes” and emp_hiredate=”26-10-2010”. Delete the record with emp_id=9 and 10.
   i. Describe the table. Show complete table.
   j. Display the name of employee having second highest salary
   k. Truncate the above table and show it. Then drop the table. Show all tables in your current database.