Consider following table structure and write sql statements

**Store\_ Information (Store\_Name, Sales, Txn\_Date)**

**Geography (Region\_Name, Store\_Name)**

1. Find sum of the sales of all stores in the West region
2. Alter the data type of the "Region\_Name" column to char (100).
3. Find out sales by region.
4. Use aggregate functions for sales.

Consider following table Structure & Write down SQL statements

**Suppliers (s\_id, s\_name, address)**

**Parts (p\_id, P\_name, colors)**

**Catalogues (s\_id, p\_id, cost)**

1. Suppliers who supply some red part.
2. Find total cost of all red color parts.
3. Find total parts supplied by supplier with s\_id=1.

Consider following table Structure & Write down SQL statements

**Salespeople (snum, sname, city, commission)**

**Orders (onum, odate, snum, amt)**

**Customers (cnum, cname, city, rating, snum)**

1. Display the numbers of sales persons, with orders currently in the orders table without any repeats.
2. List all orders between order dates 10/03/05 to 30/3/05
3. Find all orders by customers not located in same cities as their Salespersons.

Consider following table Structure & Write down SQL statements

**Salespeople (snum, sname, city, commission)**

**Orders (onum, odate, snum, amt)**

**Customers (cnum, cname, city, rating, snum)**

1. Display the pairs of salespeople who are living in the same city. Exclude combinations of sales people with themselves as well as duplicate rows with the order reversed.
2. Display all sales persons names starting with character 'G',the 4thcharacter is 'A' & the rest of characters will be any
3. Display the counts of all orders for Feb05.

Consider following table Structure & Write down SQL statements

**Employee (employee-id, ename ,desg, salary ,street, city, company\_id fk)**

**Works (employee-id, company-id, salary)**

**Company (company-id, cname, city)**

1. Find the names, street address, and cities of residence for all employees who work for 'First Bank Corporation' and earn more than $10,000
2. Find the names of all employees in the database who live in the same cities as the companies for which they work
3. Find the names of all employees in the database who earn more than every employee of 'Small Bank Corporation'. Assume that all people work for at most one company.

Consider following table Structure & Write down SQL statements

**Lives (person-name, street, city)**

**Works (person-name, company-name, salary)**

**Located -in (company-name, city**)

Find the name, street and city of all employees who work for City Bank and earn more than $10,000

Find names of all companies which have (at least one) employees living in the city that the company is located in.

Find all persons who do not work for City Bank

Consider following table Structure & Write down SQL statements

**Physician (Phregno, Phname, Phadd, Phtelno)**

**Patient (Ptname, Ptadd)**

**Visits (Phregno, Ptname, Date\_of\_visit, Feescharged)**

Calculate the total fees obtained by the physicians. Also print the registration number, name and address of the physician.

Find the name of the physicians and their telephone numbers who have visited at least 1 patient.

Find the name of the physicians with their telephone numbers whom has been visited by only patient.

Consider following table Structure & Write down SQL statements

**Physician (Phregno, Phname, Phadd, Phtelno)**

**Patient (Ptname, Ptadd)**

**Visits (Phregno, Ptname, Date\_of\_visit, Feescharged)**

1) Find the names of the patients and their address who have visited to more than one physician.

2) Find the name of the physicians and their telephone numbers who have visited at least 1 patient.

3) Display all records from patient in ascending order citywise.

Consider following table Structure & Write down SQL statements

**Customer(Cust\_name, Cust\_street, Cust\_city)  
Loan(Branch\_name, Loan\_number, Amount)  
Borrower(Cust\_name, Loan\_number)**

1. Find all loan number for loans made at the Perryridge branch with loan amounts greater than$1200.
2. Find the names and loan numbers of all customers who have a loan at the Perryridge branch.
3. Find the names of all customers whose street address includes the substring ‘Main’**.**

Consider following table Structure & Write down SQL statements

**Branch(Bid,Branch\_name, Branch\_city, Assets)  
Customer(Cust\_name, Cust\_street, Cust\_city,Bid)**1)Find the names of all branches that have assets greater than that of each branch in Brooklyn.

2) Find the branch that has the higher average balance.

3) Find the names of all customer whose street address includes the substring’Main’**.**

Consider following table Structure & Write down SQL statements

**Employee (Fname,Lname,Ssn,Bdate,Address,Sex,Salary,Superssn,Dno)**

**Department (Dno,Dname,Mgrssn)**

1) Find the name and address of the employees who work for the research department.

2) Retrieve the names of all employees who do not have supervisors.

3) Find all employees whose address is in Houston.

4) List the names of manager

Consider following table Structure & Write down SQL statements

**Book(Bid,title,Author,subject)**

**Borrower(Bid,Bname)**

**Borrows(bookid,Bid,Date\_of\_issue,Date\_of\_return)**

1. Give all books on physics and Mathematics.
2. Find out the title and author of all the books issued to a person whose Bid=B001.
3. Find out the names of the person who has issued books written by C.J.Date.

Consider following table Structure & Write down SQL statements

**Book(Bookid,title,Author,subject)**

**Borrower(Bid,Bname)**

**Borrows(bookid,Bid,Date\_of\_issue,Date\_of\_return)**

1) Find all the books written by Maity Ghosh on Mathematics.

2) Find the total number of books in library.

3) Find the name of the person who has borrowed one or more books on DBMS.

Consider following table Structure & Write down SQL statements

**Salespeople (snum, sname, city, commission)**

**Orders (onum, odate, snum, amt)**

**Customers (cnum, cname, city, rating, snum)**

1. Display Customer’s highest ratings in each city.
2. Add a Column Curr\_bal in orders table for current balance.

3) Display each order number followed by the name of customer who made it.