1. Display customer id, first name, initials and last name of female customers who have some initials.
2. Write a query to show customer id, phone no., and full address of customers who live either in 'Karnataka' or 'Tamilnadu'.
3. Display details (account no, primary customer id, current balance and a/c start date) of active SB accounts in the order of latest start date (first) to earliest start date (last).
4. Display bank employee designation, id, name and gender of those employees who have a manager, sorted in descending order of designation and ascending order of employee name.
5. What are the minimum and maximum installment amounts of RD accounts which were started during year 2008?
6. Write a query to show designation and the no. of employees under each designation except 'attender'. Arrange the output by no. of employees and then by designation.
7. Write a query to show customer id and the no. of office phones they have of those customers who have more than one office phone.
8. Display customer id, first & last names, home phone no. and city of those customers who live outside Karnataka.
9. Show transaction details – SB a/c no., transaction type, date, description and amount, for transaction amounts > 1000. Sort the output based on a/c no, transaction type and date.
10. Show customer id, his/her phone no.(s), SB account no., transaction date and amount of the customer(s) who have done ATM withdrawal transaction.
11. For every state and for every city find the total transactions performed by every customer. Get the data for every combination of the dimension.
12. For every state find the total number of credit transactions performed by every customer which exceeds 10k.
13. Write a function to count the number of customers The function should count the total number of customers and return the count
14. Write a procedure to add a customer to the bank\_cust table
    1. . The cust\_id should be auto-generated
    2. The customer first,last and initial should be in initcap
    3. The gender should be m or f
    4. The customer type should be ind or corp
    5. The default gender should be f
    6. The default cust type should be ind
15. write a function to accept a cust\_id and return 1 if customer is existing and -1 if customer is not existing.
16. Write a procedure to add a bank customer contact
    1. The cust\_id should exist in the bank\_cust table
    2. The cust\_phone should be max 10 digits min 6 digits
    3. The contact type should be home or office
    4. Cust\_addr\_line1,cust\_addr\_line2,cust\_city,cust\_state should be in initcap
    5. Cust\_pin should not exceed 6 digits
    6. The customer contact type default should be home
17. Write a procedure to del the customer by name or by giving the cust\_id the procedure name should not change whether we give name or cust\_id.
18. Write a procedure to open a saving account in the bank
19. Write a procedure to make a deposit in the savings bank account
20. Write a procedure to make a withdrawal in the savings bank account
    1. While making withdrawal or deposit the transaction table and account balance should be appropriately updated
    2. Don’t allow withdrawal if the account balance is <=1000.
21. All the above procedures and functions should be placed in a package , please define functions as private where needed.