Let there is a class representing a branch of bank with the values Networth and No\_of\_account. It also contains properties such as customer number, customer name, accountbalance, loan\_sanctioned.

* For each new account in the branch a new instance is created. Initially the Networth of Bank is 50000 and No\_of\_account is 0. Whenever an account is created, the No\_of\_account is incremented.
* The customer number, name and accountbalance is initialized when an account is created. The account balance is credited in the Networth of the Bank.
* Initially the loan\_sanctioned is zero for a customer. If a customer requests for loan of a particular amount, then the loan can be sanctioned, based on the condition that the requested amount is not more than the 2 times of his/her account balance, and the sanctioned loan is less than the Networth of the Bank. After sanctioning the loan the loan amount will be subtracted from the networth.
* When the customer repays the loan with a specific amount, then
  + that amount will be credited into the Networth of Banck.
  + That amount will be subtracted from the sanctioned loan to the customer.
  + If the repay amount is more than the sanctioned loan then the difference will be credited into the user’s account
* A customer is able to view his account information and the number of instalments he made to repay his loan.
* A inspection method is able to display the Networth of the Bank, the number of accounts in the branch and the total loan amount sanctioned till date.