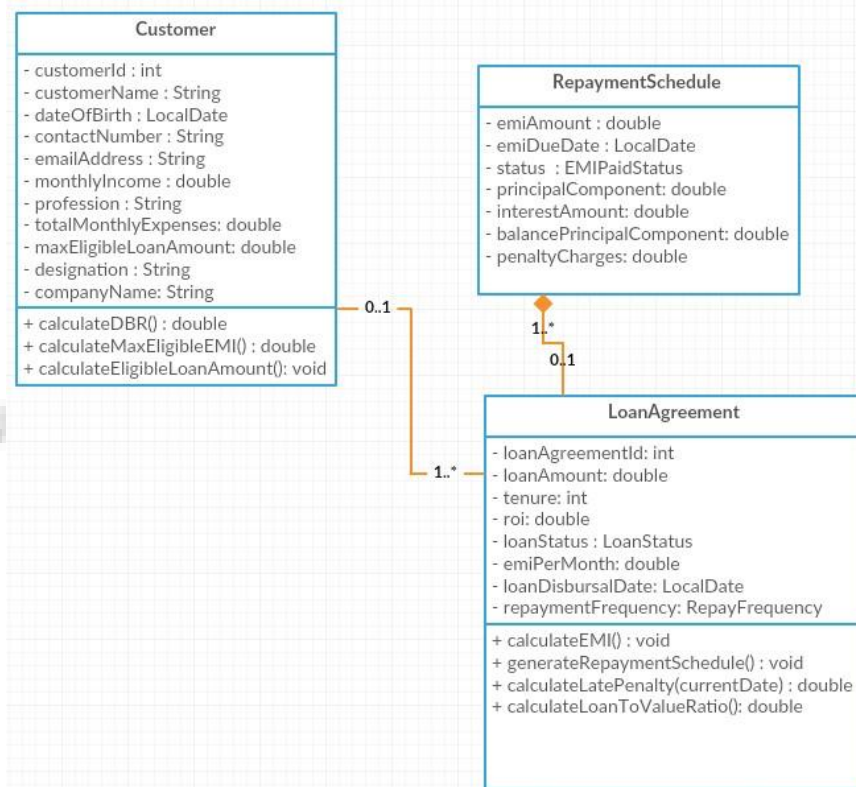


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1. Change the program created in Question – 1 & 2 of Collection Day-1 assignment to use HashSet instead of List. Record your findings and resolve issue if any.
2. Change the same program to use TreeSet. Sort the TreeSet on basis of
 - a. Employee id using Comparable Interface.
 - b. Employee Name using Comparator Interface.
3. In the above TreeSet, write a Java program to create a reverse order view of the elements.
4. Make a hash table (Map) that maps numbers (e.g., 2) to words (e.g, “two” or “dos”). Test it out by passing it a few numbers and printing out the corresponding words. Note: hash table keys in Java cannot be primitives; they must be objects.
5. Recreate the assignment-1 of Day-5 to use an HashSet of Customers instead of Array in the Bank class. Repeat the functionalities.
6. Create a Java program based on the given class diagram. Customer can take multiple loans. Identify which of the collection class is best suited for this scenario and implement the same.



Perform the below given operations on the collection:

- a. Sort the set of Loans taken by a particular customer on the basis of loanAmount in descending order
- b. The List has to be sorted again on the basis of loanDisbursalDate

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- c. Find out from the list of Loans which all Loans are still pending to be approved
- d. Find out from the list of loans whose emiDueDate is less than the current date and calculate the late penalty for the same and display it.
- e. Remove all the loans whose status has been changed to 'Closed'

