Problems
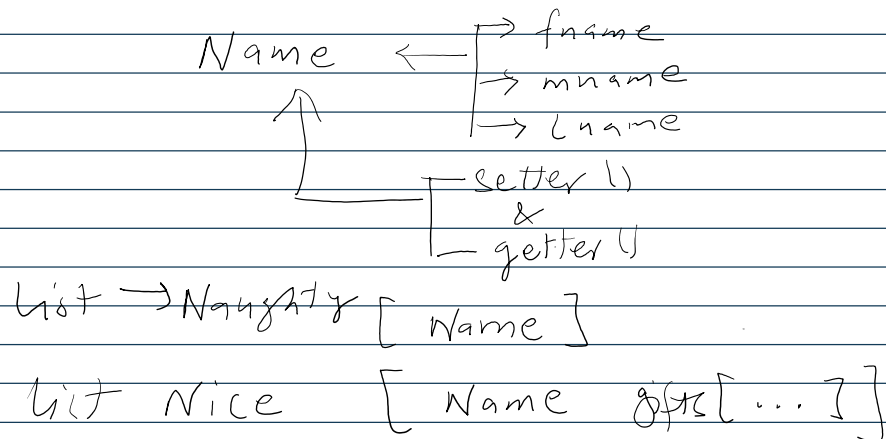
Santa Claus allegedly keeps lists of those who are naughty and those who are nice. On the naughty list are the names of those who will get coal in their stockings. On the nice list are those who will receive gifts. Each object in this list contains a name (an instance of Name), and a list of that person's gifts (an instance of an ADT list). Design an ADT for the objects in the nice list. Specify each ADT operation by stating its purpose, by describing its parameters, and by writing preconditions, postconditions, and a pseudocode version of its header. Then write a Java interface for the ADT that includes javadoc-style comments.

Name ← → fname
→ mname
→ Lname

setter ()
&
getter ()

List → Naughty [Name]

List Nice [Name gifts [...]]

Q2: Leetcode, Linklist problem No 430.