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SE 320

Part 2 of Assignment 5

2. Write a precondition or requires clause for the method removeDuplicates, so all duplicates  
from List lst are removed.

public static void removeDuplicates(List lst) {  
 if (lst == null || lst.size() == 0) return;  
 List copy = new ArrayList(lst);  
 Iterator elements = copy.iterator();  
 Object pre = elements.next();  
 while(elements.hasNext()) {  
 Object nex = elements.next();  
 if (pre.equals(nex)) lst.remove(nex);  
 else pre = nex;  
 }  
 }

**Requirement: The function must receive a subclass of the List abstract class containing objects that have overridden the inherited equals and hash methods to check for value equality and ensure that all objects contain the same hash. The elements within the given list can not be null.**