**R1**

a.

true, n=0

calcListType(l1l2…ln) = false, n=1

calcListType(l3l4…ln)

b.

, n=0

deleteOccurences(l1l2…ln, elem) = deleteOccurences(l2…ln, elem), l1=elem

l1 ∪deleteOccurences(l2…ln, elem), otherwise