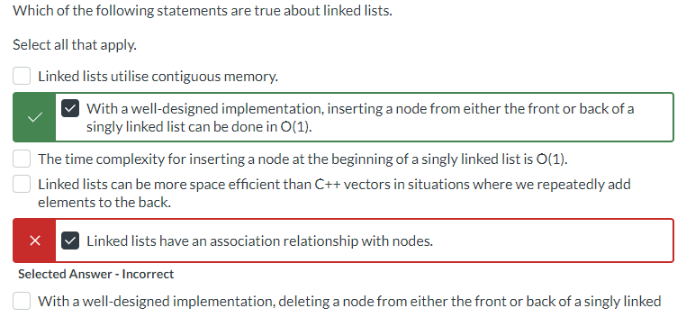
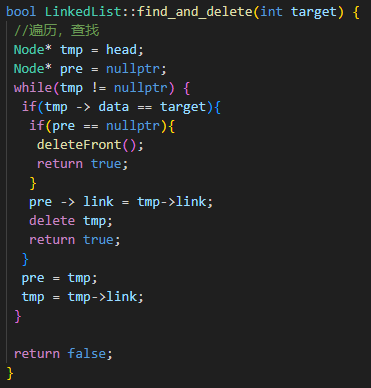
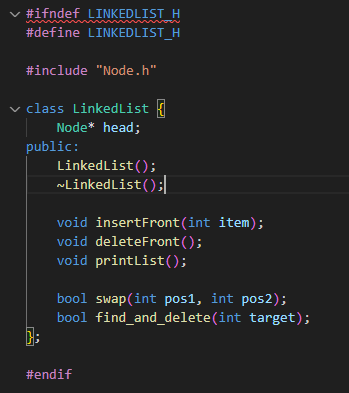
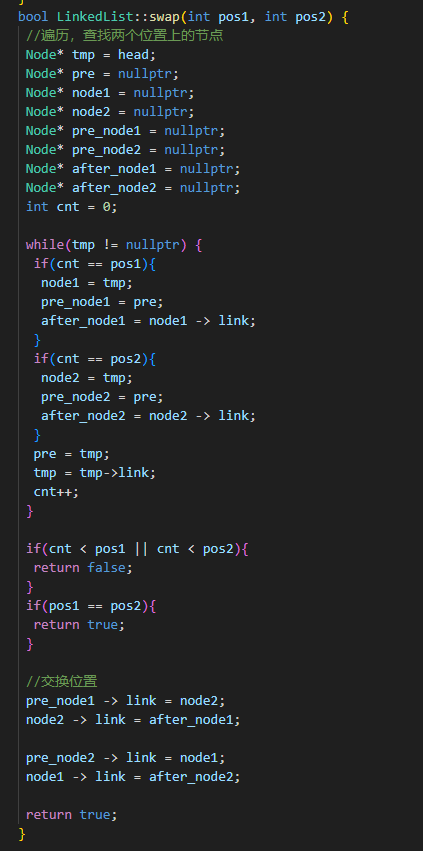
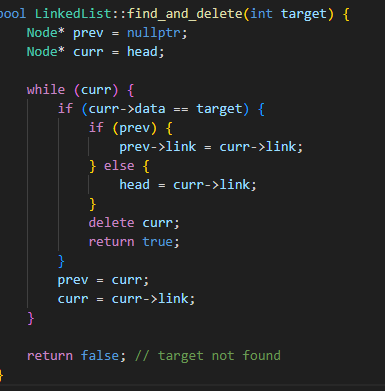


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Master Theorem  
 Merge Sort

a=2 b=2 d=1

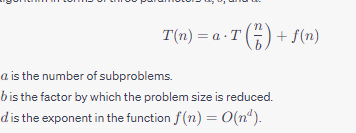
binary search algorithm

a=1 b=2 d=0

quick sort

A=2 b=2 d=1

Bubble sort



big omega notation  


Small Omega notation



Big O Notation: an upper bound on a function,



***Small o Notation***: The notation o(n) is used to describe a function that grows strictly slower than f(n)



Theta Notation  
