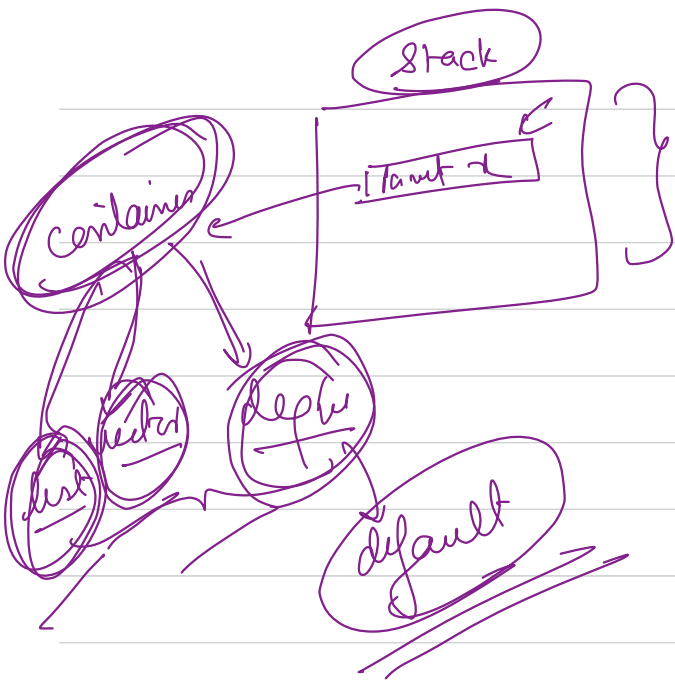


friend function

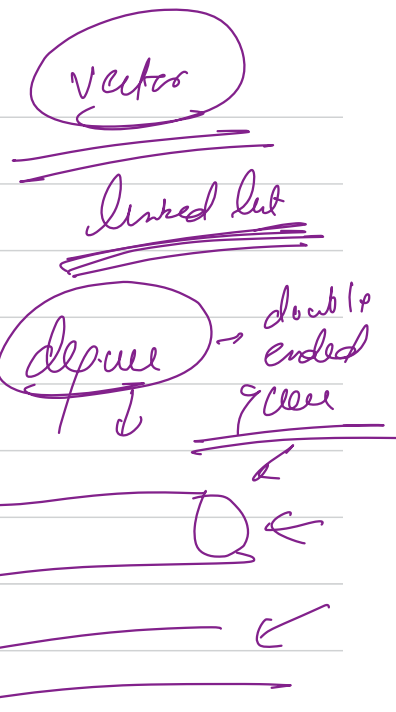
overloading of $<<$, $>>$ operators

stacks, queue, LL, HashMap (unordered-map), ^{late}
Lores,

segment trees , graphs , ~~Heap~~ , Trees
 ↘ later ↘ later

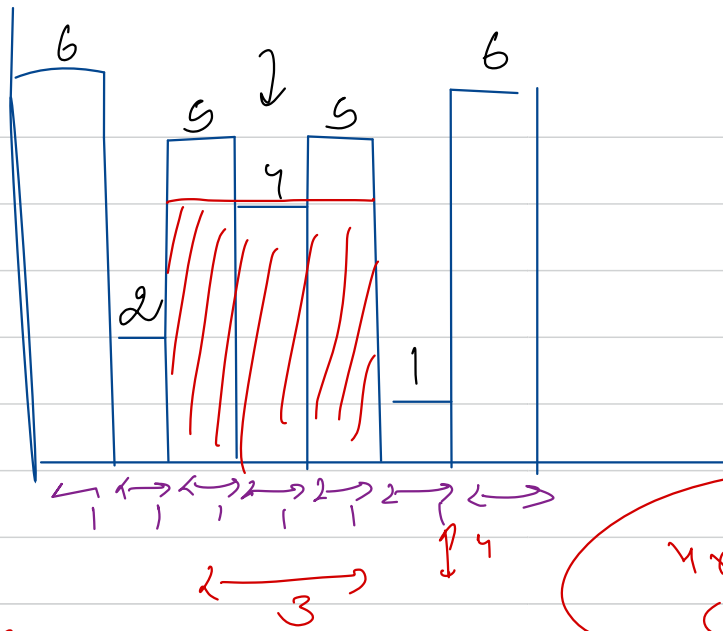


→ push-back
→ pop-back
→ back()



Q STOCKS

next greater
next smaller
prev greater
prev smaller

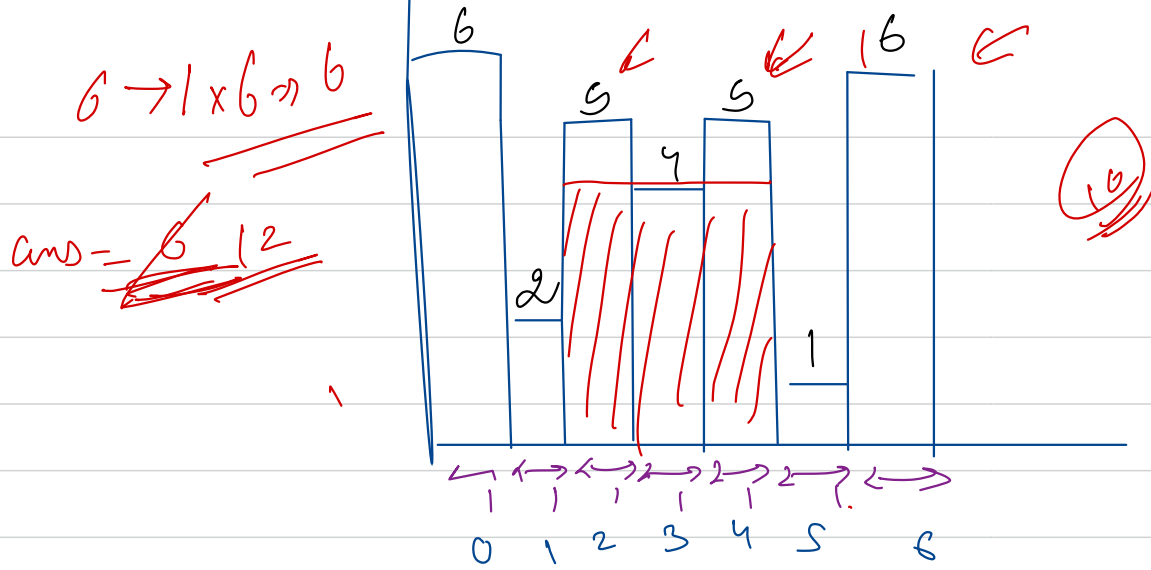


$4 \times 3 = 12 \rightarrow \underline{\underline{\text{ans}}}$

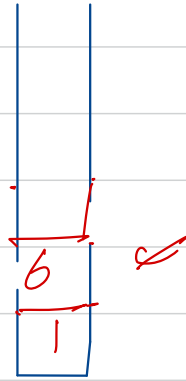
$2 O(n)$

from every bar, Calc the next smaller & prev smaller

index And ans will max of (newsmax id -
newsmin id) right \rightarrow double pass

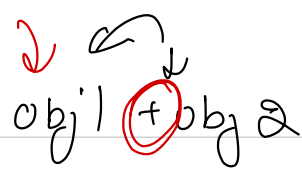


monotonic \rightarrow inc stack



let's just try to calculate next smaller index &
 previous smaller index together in a single pass

obj1 (+ obj2



count << obj

