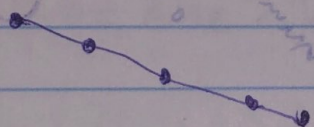


* Next permutation

5, 4, 3, 2, 1

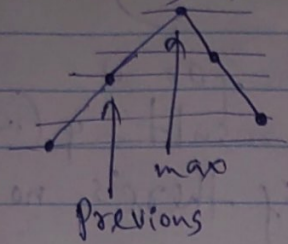


nothing to swap.

sort

Atlas

1, 3, 5, 4, 2



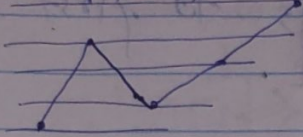
1, 4, 2

5, 3, 2

should be increasing to be min next value.

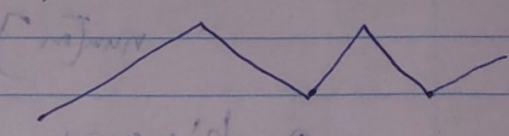
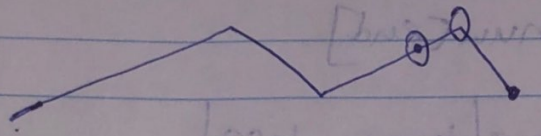
→ Find previous < val min value.

1, 4, 2, 3, 5



1, 2, 3, 4, 3, 2, 3, 4, 2

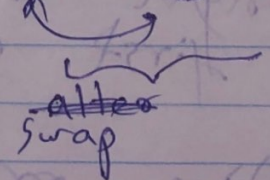
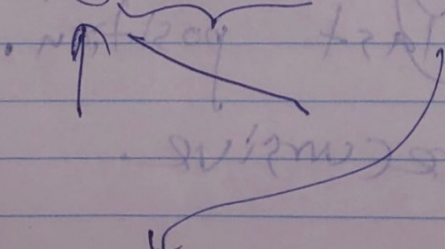
1, 2, 3, 4, 3, 2, 4, 2, 3



to optimize begin from the end of list.
use the property of increasing or equal while traversing. (to find the next value to replace)

0 1 2 5 3 3 0

0 1 2 5 3 3 0



alter swap

0 1 3 5 3 2 0

0 1 3 0 2 3 5

sort

Atlas