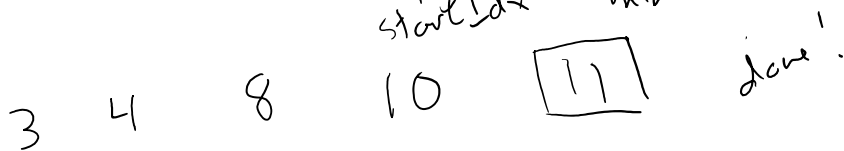
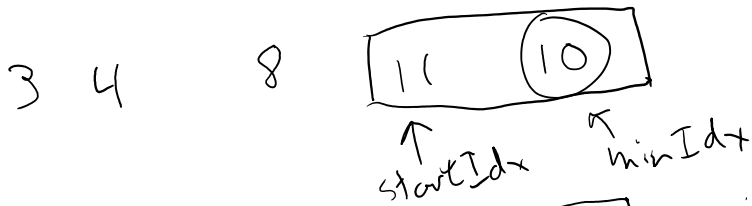
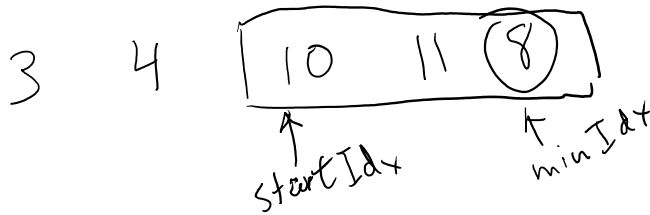
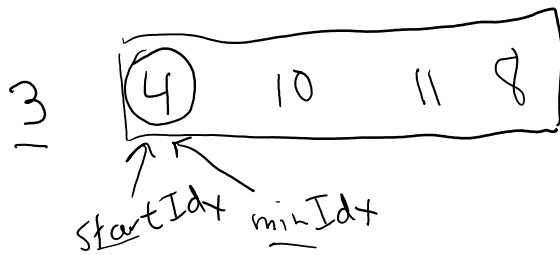
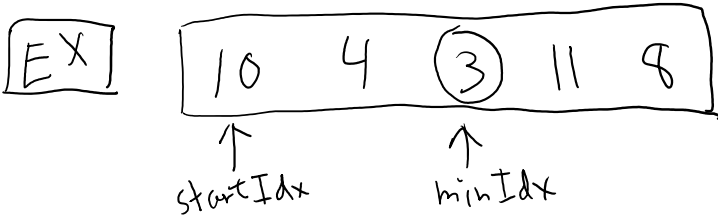


Selection Sort:

Idea: Repeatedly find min value in sublists



Let startIdx be the index whose value we want to compute

Let minIdx be the the index of the min value in the current sublist

Algorithm: def selectionSort(L):

(0, len(L))

Algorithm: def selectionSort(L):

for startIdx in range(len(L)):

minIdx = findMinimum(startIdx, L)

swap(startIdx, minIdx, L)

find Minimum:

10 4 3 6 11 8

minValue: ~~10~~ ~~4~~ ~~3~~ ~~6~~

minIdx: ~~0~~ ~~1~~ ~~2~~ 3 ← our answer