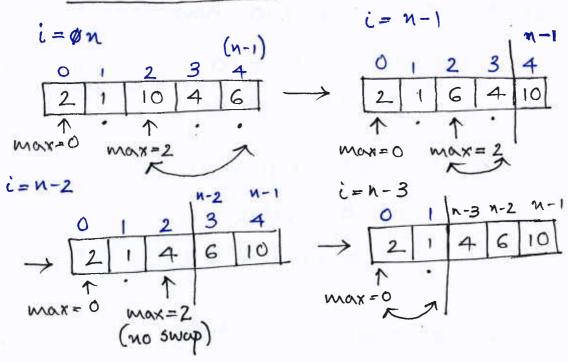
1. Arrays

int A[5];

2. Selecturion sort

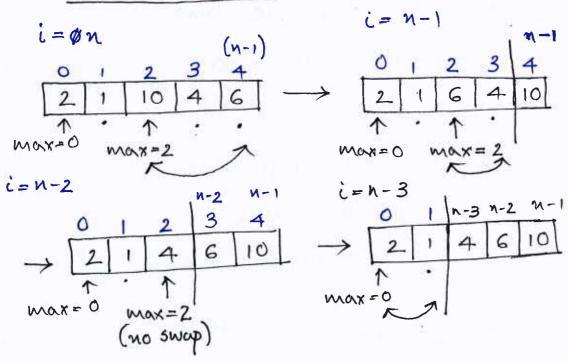


-> We are done!

1. Arrays

int A[5];

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-> We are done!

kth smallest element (e7.8)

12 10 10 11 13 12

k = 0 : 10

Find the element which is k = 1 : 10

k = 2 : 11less than at most k values"

k = 3 : 12

k = 4 : 12

k = 5 :13

an no pars over the every.) (* for each k, do

Consider k = 0 value 10 hos

#smaller = 0 #smaller <= k # equal = 2

k=1, value 10 has

smaller = 0

equal = 2.

k = \$1, value 11 has

smaller = 2

equal = # 1 # smaller <= k

Problem: whether to pick 10, 00 11 for k = 1?

Need to account for duplicates!

* Add the condition k < smaller + equal

This works fine. But we need to som scan through the array to examine each element for a given k.