

Selection Soot

0 1 2 3 4 5 6

26 50 10 18 17 25 65

10 15 20 50

min_idx = i

min_idx =
$$\delta$$
 2

$$\frac{\text{min-idx} = J}{\text{}}$$

$$i=1$$
 $min-idx = 123$

Note

- 1) At every iteration, we get smaller elementin the extreme left.
- 2) Time complexity = Qn2)
 Space complexity = O(1)
- 3) More som of Rwaps = Bubble port

 Simple swap in every = selection sort

 iteration