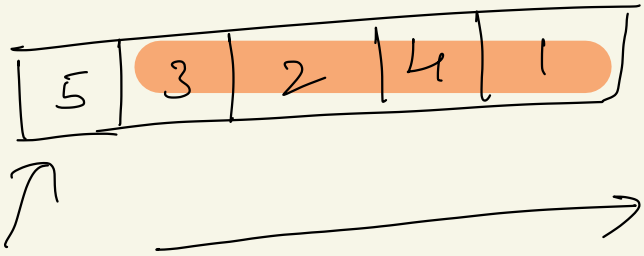


min = 5

min_index = 0

traverse from index 1

3 < 5

min = 3

min_index = 1

2 < 3

min = 2

min_index = 2

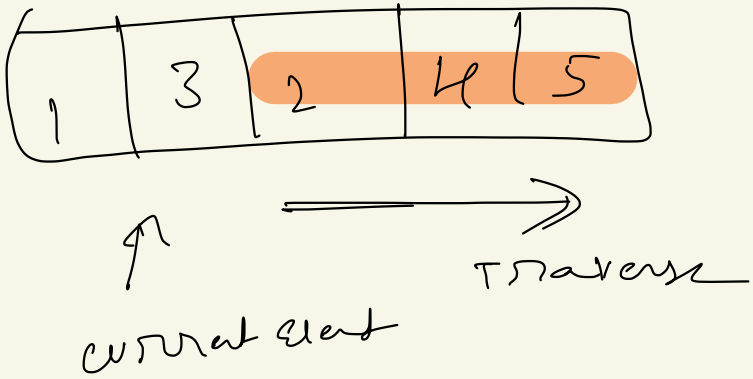
4 < 2 X

1 < 2

min = 1

min_index = 4

Swap 5 with



Now swap 3 with min element found from (red rays)