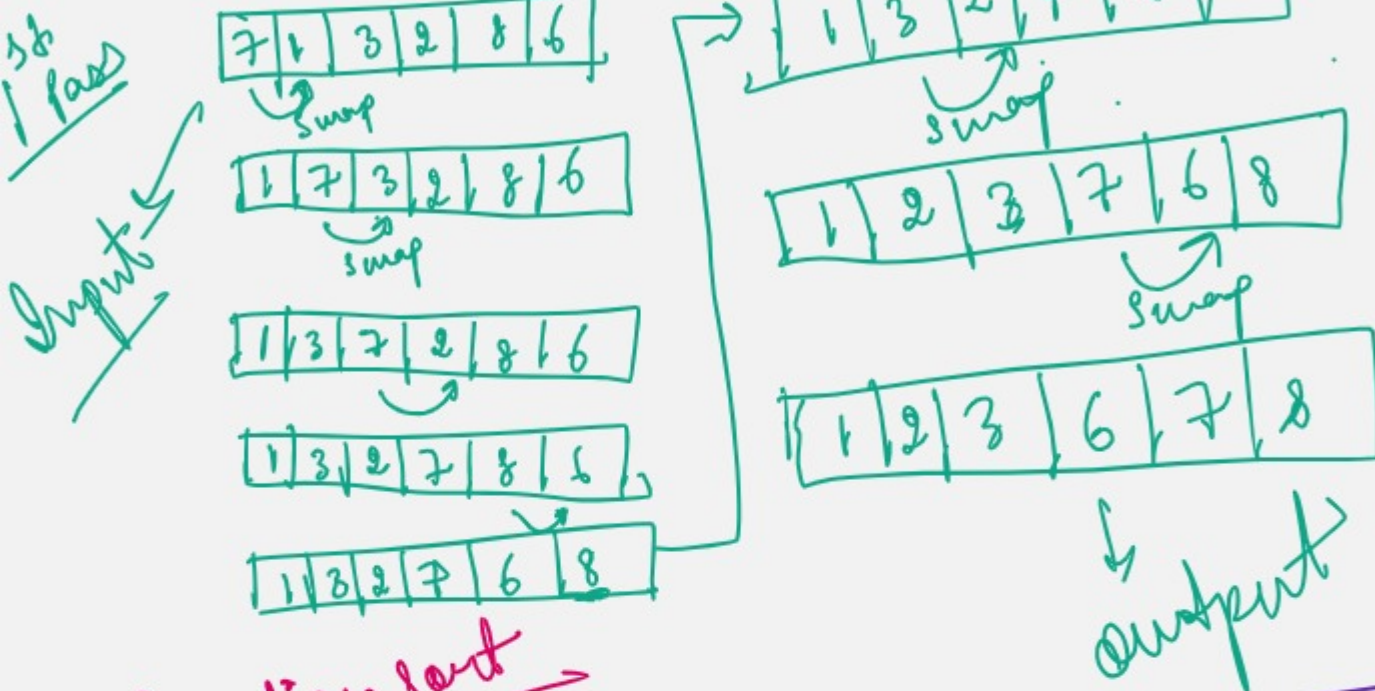


Algo	On	Best	Avg	Space
Bubble	$O(n^2)$	$O(n)$	$O(n)$	$O(1)$
Selection	$O(n^2)$	$O(n)$	$O(n)$	$O(1)$
Insertion	$O(n^2)$	$O(n)$	$O(n)$	$O(1)$
Merge	$O(n \log n)$	$O(n \log n)$	$O(n \log n)$	$O(n)$
Quick	$O(n^2)$	n	n	$O(\log n)$

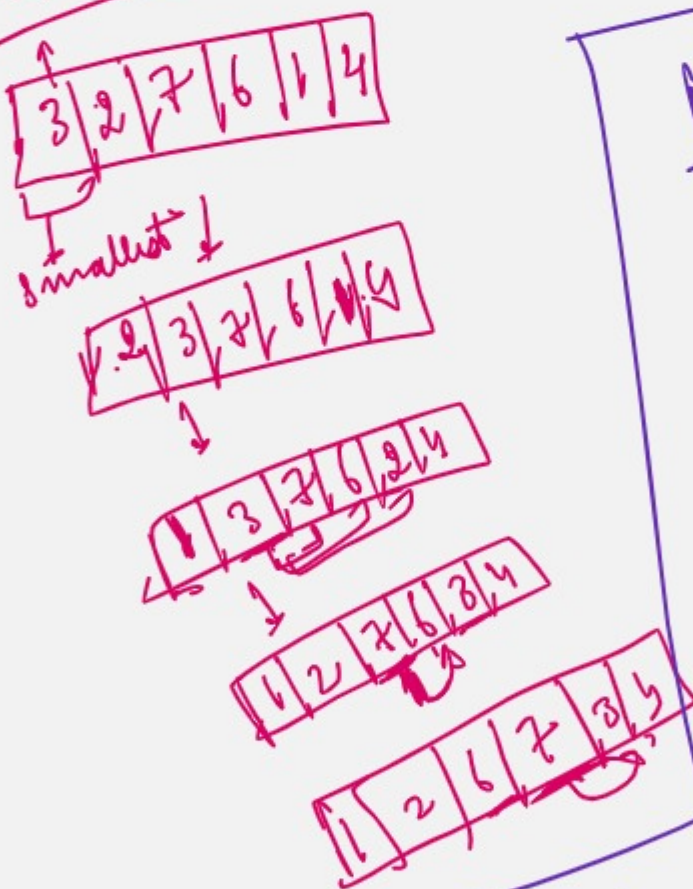
Bubble Sort

Input: [7, 1, 3, 2, 8, 6]

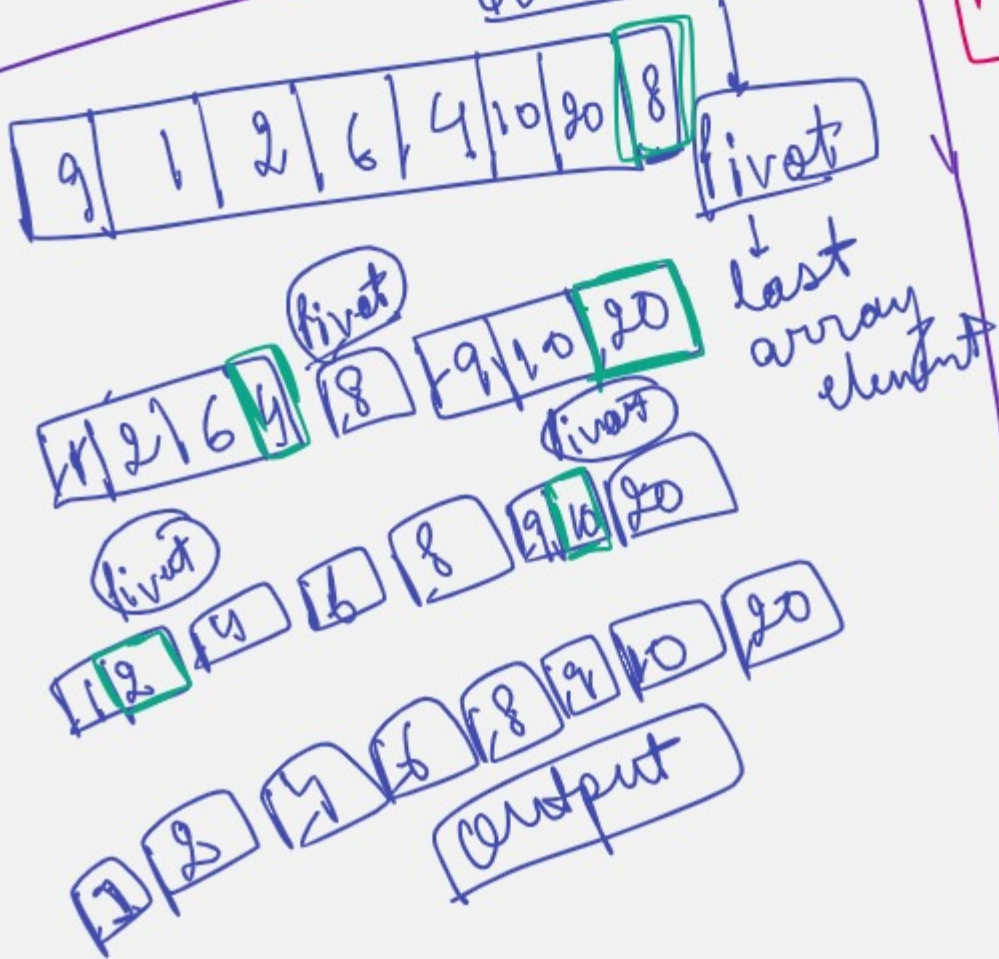
Output: [1, 2, 3, 6, 7, 8]



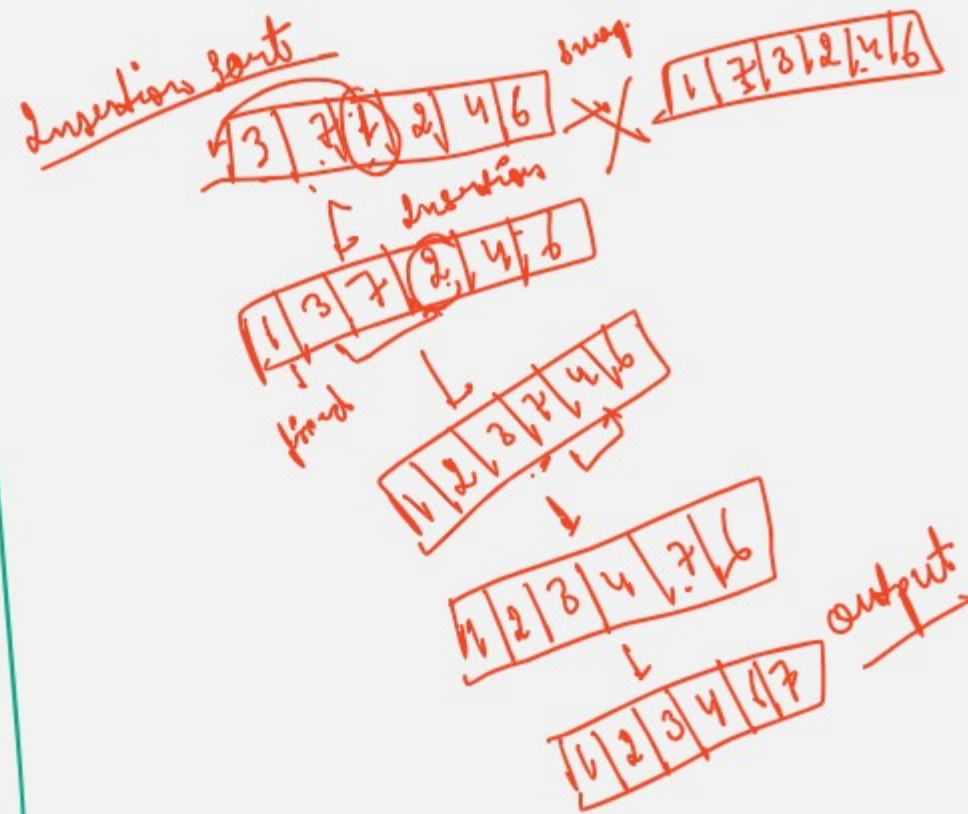
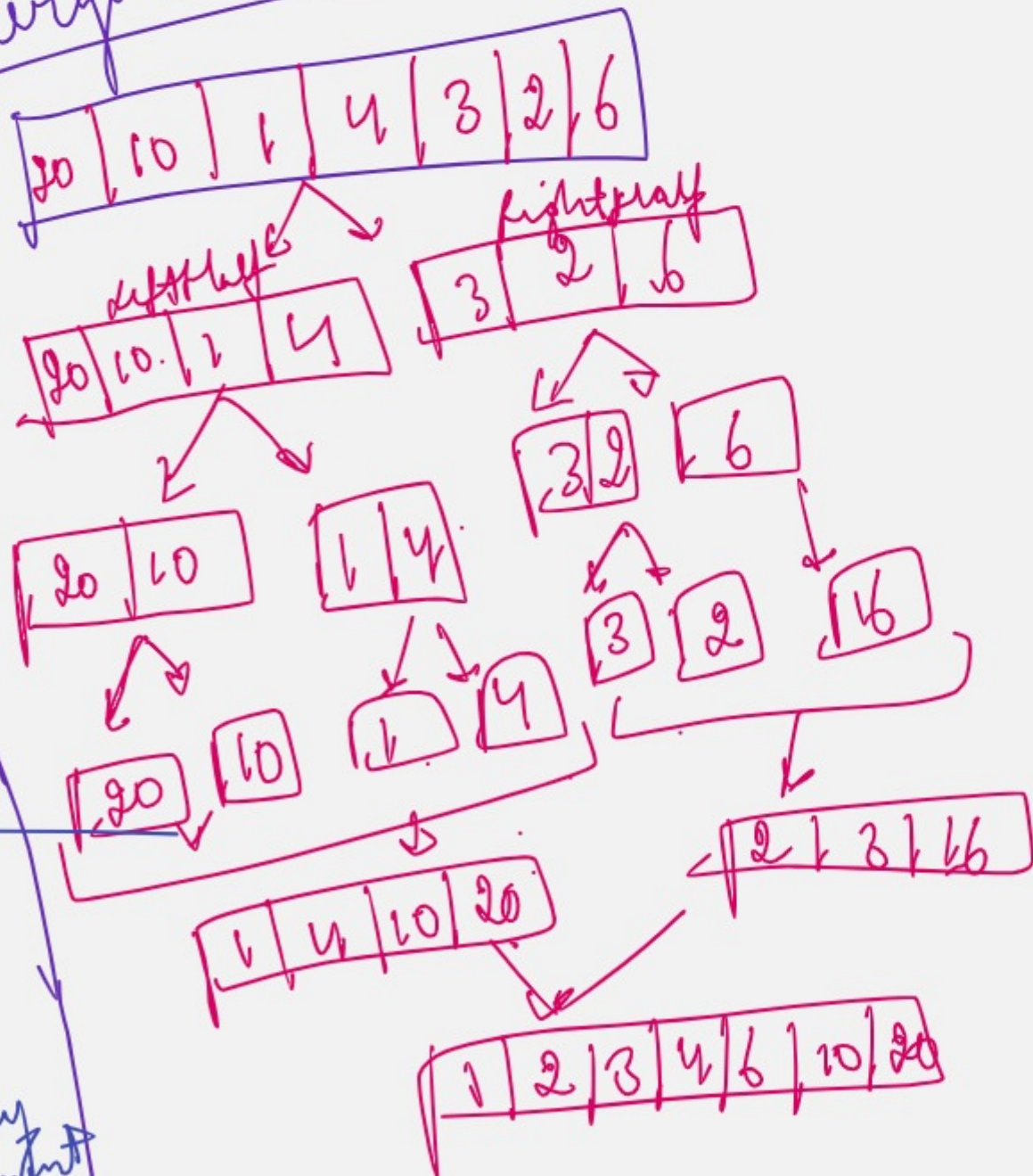
Selection Sort



Quick Sort



Merge Sort (Divide & Conquer)



Recursive function add(1)?

add(1)