

placing 2 at position 6, count at index 2 becomes placing 0 at positions, count at index obecomes Placing 1 at position 4, count at index 1 becom3 00 1 2 __ 6 placing 3 at position 8, count at Index 3 becomes 00 1-2 3 6 Placing 4 at position. 9, count at index 4 beor 00-1-2-34 Placeng 6 at position 10, count at index 6 bec 00 _ 1 _ 2 _ 3 4 6 6 Placeng 1 at position 3, count at index 1 becomes 0011-2-3466

Placing 3 at position I, count at index 3 becomes 6	6
0011_233466	
Placing 2 at position 5, count at index 2 be comes	4
00111223334466	
Thuy we have obtained a sorted array, in D(n+1) and space, where in is the number of elements as k is the sange of elements.	K
	property and