



sorted	count	Queue	in	in	out	
[0]	3	[0]	X	0	4	0 + 2 = 2
[0, 1]	1	[1]	0	1	1	2 + 2 = 4
[0, 1, 2]	0	[1, 2]	2	1	3	4 + 2 = 6
[0, 1, 2, 3]	0	[1, 2, 3]	3	1	0	6 + 2 = 8
[0, 1, 2, 3, 4]	0	[1, 2, 3, 4]	5	1	0	8 + 2 = 10
[0, 1, 2, 3, 4, 5]	0	[2, 3, 4]	6	2	0	10 + 2 = 12
[0, 1, 2, 3, 4, 5, 6]	0	[3, 4]	7			12 + 2 = 14
[0, 1, 2, 3, 4, 5, 6, 7]	0	[4]				14 + 2 = 16
		[5]				16 + 2 = 18
		[6]				18 + 2 = 20
		[7]				20 + 2 = 22
		[8]				22 + 2 = 24