Given:

1-> 2 - n no size info

Result:

1-n-12-1 mus ] ...

If h is even,

erizinal 1, 2, 3, 4, 5, 6

1, 2, 3 4, 5, 6

reput 1, 6, 2, 5, 3, 4

1-1 n -) 21 n-(-) 3 -> ··· -> m/2 -> n/2+1

E.X.

Original 1, 1, 1, 4, 5, 6. 7

1, 2, 3,4

Result 1, 7, 2, 6, 3, 5, K

1.) n ... , n 1/2 - , n 1/2 +2 -7 n 1/2 +1

General Procedure:

Suppose n is even

1-) 2-) 3 -> 4 -> ··· -> m

Procesi

Alsorithm/Memos / Ebg.lexin Naivo 2-round iteration

1. (u+ in half  $O(m + \lceil \frac{n}{2} \rceil) / O(0)$ 

のしゅこの りり 4 つ... 一方し 

2. Reverse List Q

 $O(\left\lfloor \frac{n}{2} \right\rfloor) / O(1)$ 

3. Merse Q and Q into one list Q(n)