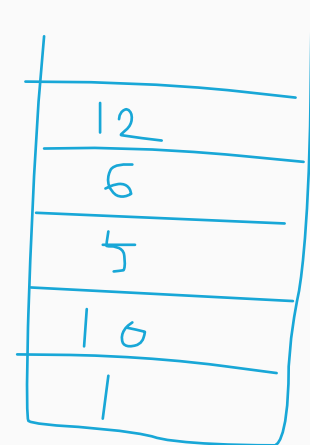


## Stack Sorting

### Get middle element



Stack

count as elements are moved



temp - stack

NO Recursion

depth = 5 = n

Start popping  
decrease n everytime  
continue till  $n = \text{depth} / 2$

deque-stack

enqueue-stack  
for push → push here

For first pop  
pop from enqueue-stack  
push into deque-stack

Next pop  
- always check this stack is  
non-empty