Heap / Priority queue

- Kth element max or min :
- sort a K sorted arr :

nums : [ ] K-sorted array, nums[i] is not more than K positions away from position in sorted list.

minheap( ) ;
when heapsize > K
heap pop to answer array.

- K closest element to x 100 7 8 300 9 10 400

return K elements closest to 5

heap on abs(nums[i] − 5)

- Join rope in minimum cost :-

Ropes : [2 4 6 7 9]

2+4 6+6 12+7 19+9
cost = 6 12 19 28 → Total = 65

or 2+4 6+6 7+9
6 12 16
→ Total = 62
12+16 cost = 28