이중우선순위큐

# Index	42628
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References

https://school.programmers.co.kr/learn/courses/30/lessons/42628

1. HeapQueue

```
import heapq

def solution(operations):
    heap = []
    for o in operations:
        if o[0] == "I":
            heapq.heappush(heap, int(o[2:]))
        elif o[2] == "-" and heap:
            heapq.heappop(heap)
        elif heap:
            heap = heapq.nlargest(len(heap), heap)[1:]
            heapq.heapify(heap)

    if not heap:
        return [0, 0]
    if len(heap) == 1:
        return [heap[0], heap[0]]

    return [heapq.heappop(heap), heapq.nlargest(1, heap)[0]][::-1]
```

- heapq.nlargest(k, list): `k` largest elements in `list`