**Easy**

**703. Kth Largest Element in a Stream**

**Input**

["KthLargest", "add", "add", "add", "add", "add"]

[[3, [4, 5, 8, 2]], [3], [5], [10], [9], [4]]

**Output**

[null, 4, 5, 5, 8, 8]

**Explanation**

KthLargest kthLargest = new KthLargest(3, [4, 5, 8, 2]);

kthLargest.add(3); // return 4

kthLargest.add(5); // return 5

kthLargest.add(10); // return 5

kthLargest.add(9); // return 8

kthLargest.add(4); // return 8

**1046. Last Stone Weight**

**Input:** stones = [2,7,4,1,8,1]

**Output:** 1

**Explanation:**

We combine 7 and 8 to get 1 so the array converts to [2,4,1,1,1] then,

we combine 2 and 4 to get 2 so the array converts to [2,1,1,1] then,

we combine 2 and 1 to get 1 so the array converts to [1,1,1] then,

we combine 1 and 1 to get 0 so the array converts to [1] then that's the value of the last stone.

**1636. Sort Array by Increasing Frequency**

**Input:** nums = [1,1,2,2,2,3]

**Output:** [3,1,1,2,2,2]

**Explanation:** '3' has a frequency of 1, '1' has a frequency of 2, and '2' has a frequency of 3.

**Medium**

**1094. Car Pooling**

**Input:** trips = [[2,1,5],[3,3,7]], capacity = 4

**Output:** false

**355. Design Twitter**

**Input**

["Twitter", "postTweet", "getNewsFeed", "follow", "postTweet", "getNewsFeed", "unfollow", "getNewsFeed"]

[[], [1, 5], [1], [1, 2], [2, 6], [1], [1, 2], [1]]

**Output**

[null, null, [5], null, null, [6, 5], null, [5]]

**Explanation**

Twitter twitter = new Twitter();

twitter.postTweet(1, 5); // User 1 posts a new tweet (id = 5).

twitter.getNewsFeed(1); // User 1's news feed should return a list with 1 tweet id -> [5]. return [5]

twitter.follow(1, 2); // User 1 follows user 2.

twitter.postTweet(2, 6); // User 2 posts a new tweet (id = 6).

twitter.getNewsFeed(1); // User 1's news feed should return a list with 2 tweet ids -> [6, 5]. Tweet id 6 should precede tweet id 5 because it is posted after tweet id 5.

twitter.unfollow(1, 2); // User 1 unfollows user 2.

twitter.getNewsFeed(1); // User 1's news feed should return a list with 1 tweet id -> [5], since user 1 is no longer following user 2.

**658. Find K Closest Elements**

**Input:** arr = [1,2,3,4,5], k = 4, x = 3

**Output:** [1,2,3,4]

**846. Hand of Straights**

**Input:** hand = [1,2,3,6,2,3,4,7,8], groupSize = 3

**Output:** true

**Explanation:** Alice's hand can be rearranged as [1,2,3],[2,3,4],[6,7,8]