1. arr = [1, 3, 7, 9, 12, 10, 8, 16, 18, 22, 27]

Create a buildHeap method that returns a minheap.

heapify(arr, n, i):

// Write your own code

buildHeap(arr, n):

//Write your own code

heapify(arr, n, i)

1. Given an array of strings words and an integer k, return **the k most frequent words**.

Your output should be in lexicographical order.

Words = [‘priya’, ‘bhatia’, ‘akshay’, ‘arpit’, ‘priya’, ‘arpit’]

K = 3

Output = [‘arpit’, ‘akshay’, ‘priya’]

1. Find the **k closest points** to the origin.

Points = [[1, 3], [-2, 2]]

K = 1

Output = [-2,2]