

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)
```

2. 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']
```

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

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

```
K = 1
```

```
Output = [-2,2]
```