Lab Goal: This lab was designed to teach you more about priority queues.

Lab Description: Given an array, reduce the array to a single value with the minimum cost. You must use a PriorityQueue.

Given array 1,2,3
Add all values to a priority queue
Get the 2 smallest values and add their sum back to the pq
The queue would contain 3,3
Get the 2 smallest values and add their sum back to the pq
The queue would contain 6
The loop stops when the pq has a single value
The min cost would be 9

Sample Data:

```
212

25,10,20 [25,30] --> [55]

1,2,3

1,2,3,4,7,22,33,54,-66,3,4,5,76,7,999

1,1,1,1,1 [1,1,1,2] --> [1,2,2] --> [3,2] --> [5]

1,1
```

Sample Output:

Files Needed ::

ArrayReduction.java