The Bounded Pairs

Given an array *num* of numbers of size *N*, you need to find total number of pairs that are bounded. A pair is bounded:

- 0 <= i < j < n
- upperBound >= num[i] + num[j]
- lowerBound <= num[i] + num[j]

Input:
> The first line contains one positive integer N which is the size of the array.
> The second line contains N numbers separated by a space representing the array.
> The third line contains 2 numbers separated by a space signifying the lower and upper bound respectively.

Output:
> Print the number of bounded pairs.

Sample:

No.	Sample Input	Sample Output
1	6 0 1 4 4 4 5 6 7	1
2	5 1 7 9 2 5 11 13	2