Hacking the random number generator

You recently wrote a random number generator code for a web application and now you notice that some cracker has cracked it. It now gives numbers at a difference of some given value k more predominantly. You being a hacker decide to write a code that will take in n numbers as input and a value k and find the total number of pairs of numbers whose absolute difference is equal to k, in order to assist you in your random number generator testing.

NOTE: All values fit in the range of a signed integer, n, $k \geq 1$

Input Format

$1st$ line contains n & k.
$2nd$ line contains n numbers of the set. All the n numbers are assured to be distinct.
(Edited: $n \leq 105$)

Output Format

One integer saying the no of pairs of numbers that have a diff k.

Sample test

inputcopy
5 2 1 5 3 4 2
outputcopy
3