Number of pairs

Given N integers, denoted by numbers, and an integer X. Count the number of pair indices (i, j) that i < j and numbers[j] - numbers[i] = X

Input

- The first line contains two integers N, X ($1 \le N \le 10^5$, $-10^9 \le X \le 10^9$).
- The second line contains N integers ($-10^9 \le numbers[i] \le 10^9$).

Output

The number of pair indices.

Sample

Input	Output
6 1 1 6 4 2 4 5	3