Pairs

Given N integers, count the number of pairs of integers whose difference is K.

Input Format

The first line contains N and K.

The second line contains N numbers of the set. All the N numbers are unique.

Output Format

An integer that tells the number of pairs of integers whose difference is K.

Constraints:

$$\begin{array}{l} N \leq 10^5 \\ 0 < K < 10^9 \end{array}$$

Each integer will be greater than 0 and at least K smaller than $2^{31}-1$.

Sample Input

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5 2
1 5 3 4 2
```

Sample Output

3

Explanation

There are 3 pairs of integers in the set with a difference of 2.