Mock CCC '18 Contest 5 J3/S1 - Median Triples

Time limit: 1.0s **Memory limit:** 1G

Given a list A of N integers, compute the number of triples (i, j, k) with $i < j < k$ such that the median of A_i, A_j, and A_k is X.

Constraints

$1 \leq N, X \leq 100$

$1 \leq a_i \leq 100$

Input Specification

The first line of the input consists of two space-separated integers, N and X.

The next line contains N space-separated integers, the values A_1 through A_N representing the N numbers of the list in order.

Output Specification

Output, on a single line, the number of valid triples.

Sample Input

```
4 1
1 1 2 2
```

Sample Output

```
2
```