

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

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
```