Deemo's Problem

Time limit: 0.6s **Memory limit:** 256M

Deemo has found a problem, and he needs your help! Given an array A of integers $(1 \leq A_i \leq M)$, find the total number of good subarrays.

A subarray is good if it is **non-empty** and for every number from 1 to M, they all appear the same number of times.

Input Specification

The first line of input will contain N, the length of the array and M.

The second line of input will contain N space separated integers, $A_1, A_2, \ldots, A_N$.

$1 \leq M \leq N \leq 10^5$

Output Specification

Output on a single line, the number of good subarrays.

Sample Input 1

```
3 3
1 2 3
```

Sample Output 1

```
1
```

Sample Input 2

```
4 3
1 2 3 1
```

Sample Output 2

```
2
```