HUSTack   🇻🇳 VIE ▾   🔔 ① T2

Problem: Week 1 - k-Subsequence even

Description

Given a sequence of integers a1, a2, . . ., an. A k-subsequence is define to be a sequence of k consecutive elements: ai, ai+1, . . ., ai+k-1. The weight of a k-subsequence is the sum of its elements.

Given positive integers k and m. Compute the number Q of k-subsequences such that the weight is even.

Input

- Line 1: contains 2 positive integers n, k (1 <= n <= 100000, 1 <= k <= n/2)

- Line 2: contains a1, a2, . . ., an. (1 <= ai <= 10000)

Output

- Write the value Q

Example

Input

6 3

2 4 5 1 1 2

Output

2

Sample TestCase

C 17

```
1    Write your Source code here
```

Source code

C 17

```c
//C
#include <stdio.h>

int main()
{

}
```

SUBMIT CODE   Currently, this contest problem is not open for submissions

— Or —

C 17 ▼   Select file

SUBMIT

🔍 Tìm kiếm   ✕   ↺

ID	Bài tập	Trạng thái	Message	Điểm	Ngôn
d287a5	K_SUBSEQ_EVEN	Accept	ℹ	100	PYTHO
d12a0c	K_SUBSEQ_EVEN	Partial	ℹ	60	PYTHO

ID	Bài tập	Trạng thái	Message	Điểm	Ngôn
819430	K_SUBSEQ_EVEN	Partial	ⓘ	20	PYTHO

5 hàng ▾ |<   <   1-3 của 3   >   >|