

Pointer_Level2_006

Given an array of size n , the array contains numbers in range from 0 to $k-1$ where k is a positive integer and $k \leq n$. Find the maximum repeating number in this array. For example, let k be 10 the given array be $arr[] = \{1, 2, 2, 2, 0, 2, 0, 2, 3, 8, 0, 9, 2, 3\}$, the maximum repeating number would be 2. Expected time complexity is $O(n)$ and extra space allowed is $O(1)$. Modifications to array are allowed.

Input Format

Input contains size, k and the values

Constraints

Dyanmic memory

Output Format

Print the value

Sample Input 0

```
14 10
1 2 2 2 0 2 0 2 3 8 0 9 2 3
```

Sample Output 0

```
2
```