**[Grouping Of Numbers](https://practice.geeksforgeeks.org/problems/grouping-of-numbers0015/1)**

One day Jim came across array **arr[]** of **N** numbers. He decided to divide these **N** numbers into different groups. Each group contains numbers in which sum of any two numbers should **not be divisible** by an integer **K**. Print the size of the group containing **maximum** numbers.

**Example 1:**

**Input:**

**N =** 4, **K =** 8

**arr[] =** {1, 7, 2, 6}

**Output:**

2

**Explanation:**

The group of numbers which can be formed

are: (1),(2),(7),(6),(1,2),(1,6),(7,2),(7,6).

So,the maximum possible size of the group is 2.

**Example 2:**

**Input:**

**N =** 2, **K =** 3

**arr[] =** {1, 2}

**Output:**

1

**Explanation:**

The group of numbers which can be formed

are: (1),(2). So,the maximum possible size

of the group is 1.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **maxGroupSize()** which takes 2 Integers N, and K and also an array arr[] of N integers as input and returns the maximum group size possible.

**Expected Time Complexity:** O(N)  
**Expected Auxiliary Space:** O(K)

**Constraints:**  
1 ≤ N,K,arr[i] ≤ 105