

Assignment 2

Topic:-Array

Q 3 Given an array of N integers, every element appears *twice* except for one .Print the non repeating element .

Input format:-

- n denoting size of an array.
- Array of integers of size n.

Output format:-

Single integer whose frequency is one.

Constraint:-

$$1 < N < 10^6$$
$$1 < A[i] < 10^6$$

Example:

Input:

3

2 2 1

Output:

1

Input:-

5

4 1 2 1 2

Output:-

4

Q.4 Given a character array of size N. You have to perform the right shift by s places.

Input:

- n denoting size of an array
- Array of characters of size n.
- s denoting places to shift

Output:

- The resultant character array

Constraint:-

$$1 < N < 10^6$$

$$1 < s < 10^6$$

Sample Test Case 1:

Input:

3

abc

1

Output:

cab

Sample Test Case 2:

Input:

4

bcha

6

Output:

habc

