

Find Duplicate in Array.

Given a read only array of n integers between 1 and n, find one number that repeats.

Input Format:

First Line - Number of elements

n Lines - n Elements

Output Format:

Element x - That is repeated

For example:

Input	Result
5	1
1 1 2 3 4	

Answer: (penalty regime: 0 %)

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Falling back to raw text area.

```
#include <stdio.h>

int main() {
    int n;
    scanf("%d", &n);
    int arr[n + 1];
    int freq[n + 1];
```

```
#include <stdio.h>

int main() {
    int n;
    scanf("%d", &n);
    int arr[n + 1];
    int freq[n + 1];

    for (int i = 0; i <= n; i++)
        freq[i] = 0;

    for (int i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
        freq[arr[i]]++;
        if (freq[arr[i]] > 1) {
            printf("%d", arr[i]);
            return 0;
        }
    }
```

	Input	Expected	Got	
✓	11 10 9 7 6 5 1 2 3 8 4 7	7	7	✓
✓	5 1 2 3 4 4	4	4	✓
✓	5 1 1 2 3 4	1	1	✓