

Odd One Out

Assignment 2

Computer Programming

Due date: 10th October, 2019

Description: You are given an array A of N numbers (unsigned int). In this array, each number repeats exactly thrice, except for one number, which occurs just once. Find the number that occurs exactly once.

Input

First line contains an integer T, the number of test cases.

For each test case, you will be given length of array N, followed by N unsigned integers.

Output

Print the number which occurs only once.

Constraints

$0 \leq A[i] \leq 10^9$

$0 \leq N \leq 10^5$

$1 \leq T \leq 10$

Sample Test Case

Input	Output
2	7
10	10
3 5 6 6 7 5 3 3 5 6	
16	
9 15 15 15 8 8 11 9 5 11 11 8 10 9 5 5	