

CTS_Level2_009

Write a program to find the GCD of N numbers

Input Format

First line denotes the number of test cases Next lines will have the no of elements and the values

Constraints

$1 \leq \text{noe} \leq 100000$

$1 \leq \text{values} \leq 1000000000007$

Output Format

print the GCD

Sample Input 0

```
5
5 2 4 8 16 32
4 3 6 9 12
3 5 10 15
2 50 100
1 30
```

Sample Output 0

```
2
3
5
50
30
```