

logoACM-horiz-J



Problem J

Maximum GCD

Input: Standard Input
Output: Standard Output

Given the N integers, you have to find the maximum GCD(greatest common divisor) of every possible pair of these integers.

Input

The first line of input is an integer N ($1 < N < 100$) that determines the number of test cases. The following N lines are the N test cases. Each test case contains M ($1 < M < 100$) positive integers that you have to find the maximum of GCD.

Output

For each test case show the maximum GCD of every possible pair.

Sample Input

```
3
10 20 30 40
7 5 12
125 15 25
```

Output for Sample Input

```
20
1
25
```

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