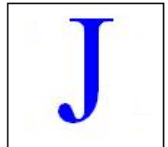




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Problem J

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	Output for Sample Input
3	20
10 20 30 40	1
7 5 12	25
125 15 25	

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