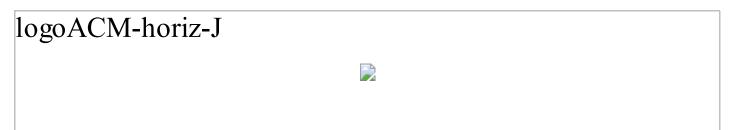
10/28/13 Contest Problems



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 $N(1 \le N \le 100)$ that determines the number of test cases.

The following N lines are the N test cases. Each test case contains M ($1 \le M \le 100$) 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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