

GCD of two numbers

Given two numbers, find the GCD of those 2 numbers.

Input:

The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains two space separated integers a and b.

Output:

Print the GCD of the two numbers.

Constraints:

$1 \leq T \leq 100$

$1 \leq a, b \leq 1000$

Example:

Input:

98 56

48 18

Output:

14

6