



(/en/),
v1.1.0

CSD Testing System

(/en/)

The Euclid's algorithm (recursive)

Cost: 3 | Solved: 107

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given two numbers. Write a function that will count their greatest common divisor, using Euclid's algorithm.

Input:

Contains two natural numbers ***a*** and ***b*** (***a, b*** $\leq 10^9$).

Output:

The greatest common divisor of ***a*** and ***b***.

Example:

Input	Output
4 2	2
4 3	1

