Long version of the title

LastName1 FirstName1, LastName2 FirstName2

University of SWAG

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Math

Greatest common divisor

Definition – Euclid's algorithm

The function `gcd(a, b)` returns the greatest common divisor of two integers.

Warning – undefined case

`gcd(a, 0)` is fine, but `gcd(0, 0)` is mathematically undefined. Your implementation should reject or handle this explicitly

Remark – symmetry property

`gcd(a, b)` should always equal `gcd(b, a)`. You can use this to test your implementation

Hint – simplifying fractions with gcd

Once `gcd(a,b)` works, you can reduce fractions to lowest terms