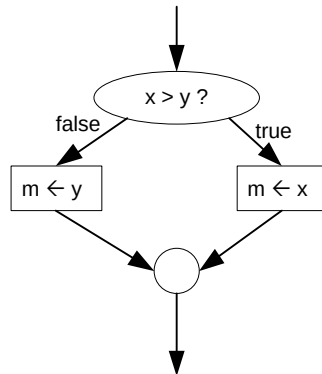


Lab 7 – Exercise 2

Euclid Algorithm to Compute GCD

GIVENS: x (integer number)
 y (integer number)
 RESULT: m (the larger of the two numbers)
 INTERMEDIATES :
 HEADER: $m \leftarrow \max(x, y)$
 BODY:



GIVENS: a (integer > 0)
 b (integer > 0)
 RÉSULTAT: gcd (greatest common divisor)
 INTERMEDIATES :
 m (maximum of a and b)
 n (minimum of a and b)
 EN-TÊTE: $\text{gcd} \leftarrow \text{findGCD}(a, b)$
 BODY:

