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EXTENDS Naturals, TLC
CONSTANTS a, b
VARIABLES x, y

ASSUME a \in Nat \land b \in Nat
Init \triangleq x = a \land y = b

a1 \triangleq \land x > y \land x' = x - y \land x' = x \land y' = y
a2 \triangleq x < y \land y' = y \land x' = x \land y' = y

Next \triangleq a1 \lor a2 \lor over

Proprits de sret vrifter
test \triangleq x \neq y \land y' = x \land y' = y \land y' = y \land y' = y \land y' = y \land y' = y
Next \triangleq a1 \lor a2 \lor over
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