Euclids Algorithm gcd (a,b) = gcd (rem(b,a), a) gcd (105,22A) = gcd(rem(224,105),105)) gco = gcd (14,105) Why this works? > gcd (105, 224) = 105 x + 224 y i.e., the god of (105, 224) also divides a linear combination of 105 & 224 The x & y value can be anything 3g: 224-21125)=14This is rem itself

non-zero
semainder is the answer which won't change

And this gcd call is the receiver function