## AMOPUTA EBEAUga

Pef Tyers  $a,b \in \mathbb{Z}$ , a,b>0Hautoroum objum genererem Abr
wondonsmen rucho c koropoe gener
u a, u b c = gcd(a,b)

Hgo: while b=0:  $r = a \mod b$  a = b b = r etunn aTherefore gcd(a8,8) a = b a = b a = b a = b a = b a = b a = c