Q2. / (0,6) + (0,0) C= 269
(= ax4) x y = xst
←> gcd (a,b) C
(to show that gcd (0/5) (c.)
d=scl(mb) -> dla and dlb
→ d laxeby x, & EZ (-7h-11)
→ dIC →
- gcs(a,b) (c.
Q2 @ gcd(a,b) (to show that C=axtby for some xize II)
d= gcd (a,b)

Q2	@ gcd(a,b) (to show that	6
	C=axtby for some xiz EI	· ·
	d= ocd (a,b)	
	J C	
	C = 0	
	L C= 29 (B E Z) (1)	
	(0,1b) \$ (0,0) NO3	
	S= 5 NEN n=ux+by for some xx+e23 2+ 5+002	
	S는 本经验 M = 74712, (i' Well-Ordering Principle)	-(2)
	M=gcd (a16) (-: Thm 36)	1000
	= J=gcd(a,b)= m = axotby (:(2))	
	(1) MIAI C= 29 0183	
	C= &(NXo+bZo)	
	= a (q xo) + b (q yo)	
19134	= ax + by for some xx + Z	