

CSU34021 Tutorial 2 Davy Nolan

Q2) $\text{gcd}(14, 21)$

Stack:

Shadow Space (SS)	GCD(14, 21)
SS	32 bits
SS	SS
SS	
SS	
Return Address	GCD(21, 14)
SS	32 bits
SS	SS
SS	
SS	
Return Address	GCD(14, 7)
SS	32 bits
SS	SS
SS	
SS	
Return Address	GCD(7, 0)
SS	32 bits
SS	SS
SS	
SS	
Return Address	

Max stack size = 20