

Lab-1: Finding GCD using Euclids algorithm.

1. Write a Python program to find the gcd of (614, 124)
2. Write a Python program to prove that 163 and 512 are relatively prime.
3. Write a Python program to prove that 8 divides 128.
4. Write a Python program to calculate the gcd of (a, b) and express it as linear combination of a and b . Calculate $\text{gcd} = d$ of 76 and 13, express gcd as $76x + 13y = d$.