1. Create a python program to compute the GCD of two numbers.

def compute\_gcd(a, b):

while b:

a, b = b, a % b

return a

# Input from the user

num1 = int(input("Enter the first number: "))

num2 = int(input("Enter the second number: "))

gcd = compute\_gcd(num1, num2)

print(f"The GCD of {num1} and {num2} is {gcd}")