 Python Program for Extended Euclidean algorithms

def gcdExtended(a, b):  
    if a == 0 :  
        return b,0,1  
    gcd,x1,y1 = gcdExtended(b%a, a)  
    x = y1 - (b//a) \* x1  
    y = x1  
    return gcd,x,y  
a=int(input('Enter a: '))  
b=int(input('Enter b: '))  
g, x, y = gcdExtended(a, b)  
print("gcd(", a , "," , b, ") = ", g)