4:Python Program to Find HCF

def hcf(x, y):

if x > y:

smaller = y

else:

smaller = x

for i in range(1,smaller + 1):

if((x % i == 0) and (y % i == 0)):

hcf = i

return hcf

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

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

print("The H.C.F. of", num1,"and", num2,"is", hcf(num1, num2))