Program -1

**Aim: Compute the GCD of two number.**

**Code:**

def compute\_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 = 54  
num2 = 24  
  
print("The H.C.F. is", compute\_hcf(num1, num2))

**Output:**

