```
Script started on 2023-10-19 11:10:15-05:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="67" LINES="54"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n GCD.py
[?2004l
     1  #Tyler Sabin
     2  #October 19, 2023
     3  #Section 006
     4
     5  def main():
     6      num1 = int(input("Enter first number: "))
     7      num2 = int(input("Enter Second number: "))
     8      GCD = gcd(num1,num2)
     9      print(f'GCD for {num1} and {num2} is: {GCD}')
    10
    11  def gcd(num_1,num_2):
    12      gcd = 1
    13      numMax = 0
    14      if num_1 < num_2:
    15          numMax = num_2
    16      elif num_1 > num_2:
    17          numMax = num_1
    18      else:
    19          numLow = num_1
    20      for i in range(1,numMax+1):
    21          if num_1 % i == 0 and num_2 % i == 0:
    22              if i > gcd:
    23                  gcd = i
    24      return gcd
    25
    26  main()[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 GCD.py
[?2004l
Enter first number: 145
Enter Second number: 245
GCD for 145 and 245 is: 5
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 GCD.py
[?2004l
Enter first number: 48
Enter Second number: 64
GCD for 48 and 64 is: 16
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ exit
[?2004l
exit

Script done on 2023-10-19 11:10:47-05:00 [COMMAND_EXIT_CODE="0"]
```