**Exercise No: 11**

**Register No: 1518102066**

**Date:21.11.20**

**Aim:**

To write a python program to obtain Greatest Common Divisor(GCD) of two given numbers.

**Program:**

def gcd(a,b):

if(a==0):

return a

if(b==0):

return b

if(a==b):

return b

if(a>b):

return(gcd(a-b,b))

else:

return gcd(a,b-a)

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

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

GCD=gcd(a,b)

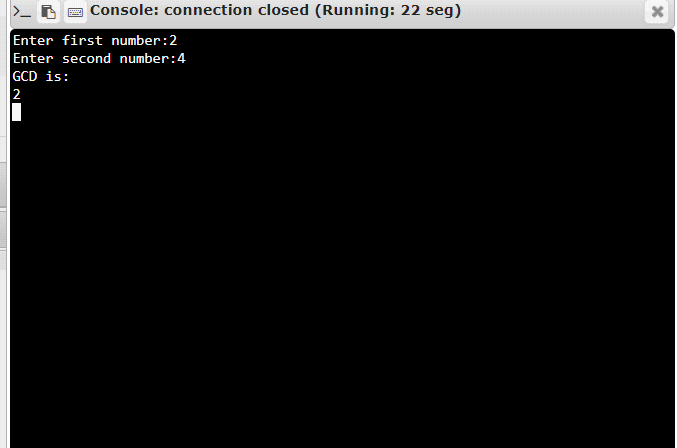
print("GCD is:")

print(GCD)

**Link:**

[**http://103.53.53.18/mod/vpl/forms/submissionview.php?id=326&userid=1681**](http://103.53.53.18/mod/vpl/forms/submissionview.php?id=326&userid=1681)

**Output:**

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**Result:**

Thus, the program is successfully executed and the output is verified.