

Exercise no : 11

Date : 24.11.2020

AIM:

Write a Python program to find the greatest common divisor (gcd) of two integers using recursion.

Program:

```
def gcd(a,b):  
    if(b==0):  
        return a  
    else:  
        return gcd(b,a%b)  
  
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=1665>

OUTPUT:

Enter first number: 120

Enter second number: 698

GCD is

2

RESULT:

Thus the a Python program to find the greatest common divisor (gcd) of two integers using recursion.

