In [8]:
```
# Part A)  # Python Program to find GCD of Two Numbers
print("*************SCOB77_Pratham pitty_Group A_Assignment_3*************")
print("\n***********************************************************")
def findgcd(a, b):
    if(b == 0):
        return a;
    else:
        return findgcd(b, a % b)
num1 = float(input(" Please Enter the First Value  Num1 : "))
num2 = float(input(" Please Enter the Second Value Num2 : "))
gcd = findgcd(num1, num2)
print("\n GCD of {0} and {1} = {2}".format(num1, num2, gcd))
print("\n***********************************************************")
```

```
*************SCOB77_Pratham pitty_Group A Assignment 3*************

***********************************************************
 Please Enter the First Value  Num1 : 4
 Please Enter the Second Value Num2 : 2

 GCD of 4.0 and 2.0 = 2.0

***********************************************************
```

In [10]:
```
# PART B) # Python Program to find LCM of Two Numbers
print("*************SCOB77_Pratham pitty_Group A_Assignment_3*************")
print("\n***********************************************************")
def findlcm(a, b):
    if(a > b):
        maximum = a
    else:
        maximum = b
    while(True):
        if(maximum % a == 0 and maximum % b == 0):
            lcm = maximum;
            break;
        maximum = maximum + 1
    return lcm
num1 = float(input(" Please Enter the First Value  Num1 : "))
num2 = float(input(" Please Enter the Second Value Num2 : "))
lcm = findlcm(num1, num2)
print("\n LCM of {0} and {1} = {2}".format(num1, num2, lcm))
print("***********************************************************")
```

```
*************SCOB77_Pratham pitty_Group A_Assignment_3*************

***********************************************************
 Please Enter the First Value  Num1 : 4
 Please Enter the Second Value Num2 : 2

 LCM of 4.0 and 2.0 = 4.0
***********************************************************
```

In [ ]: