1. Write a Python Program to Find LCM?
2. Write a Python Program to Find HCF?
3. Write a Python Program to Convert Decimal to Binary, Octal and Hexadecimal?
4. Write a Python Program To Find ASCII value of a character?
5. Write a Python Program to Make a Simple Calculator with 4 basic mathematical operations?

**Solution: 1**

import math

x = int(input("enter an integer number"))

y = int(input("en

ter an integer number"))

lcm\_of\_two\_num = math.lcm(x,y)

print("Lcm of two number is ", lcm\_of\_two\_num)

prod\_of\_two\_num = x\*y

gcd\_of\_two\_num = prod\_of\_two\_num//lcm\_of\_two\_num

print("Gcd of two number is ", gcd\_of\_two\_num)

**Solution: 2**

import math

x = int(input("enter an integer number"))

y = int(input("enter an integer number"))

lcm\_of\_two\_num = math.lcm(x,y)

print("Lcm of two number is ", lcm\_of\_two\_num)

prod\_of\_two\_num = x\*y

gcd\_of\_two\_num = prod\_of\_two\_num//lcm\_of\_two\_num

print("Gcd of two number is ", gcd\_of\_two\_num)

**Solution: 3**

def decimal\_converter(num):

while num > 1:

num /= 10

return num

def float\_bin(num, places=5):

whole, dec = str(num).split(".")

whole = int(whole)

dec = int(dec)

res = bin(whole).lstrip("0b")+ "."

for i in range(places):

whole, dec = str((decimal\_conv(dec))\*2).split(".")

dec = int(dec)

res= res+whole

return res

n = input("Enter the floating point value")

p= int(input("Enter the number of decimal places"))

print(float\_bin(n, places = p))

**Solution: 4**

ch = input("Enter a character")

print(ord(ch))

**Solution: 5**

def add(num1, num2):

return num1 + num2

def subtract(num1, num2):

return num1 - num2

def multiply(num1, num2):

return num1 \* num2

def divide(num1, num2):

return num1 / num2

print("Please select operation -\n" \

"1. Add\n" \

"2. Subtract\n" \

"3. Multiply\n" \

"4. Divide\n")

select = int(input("Select operations form 1, 2, 3, 4 :"))

number\_1 = int(input("Enter first number: "))

number\_2 = int(input("Enter second number: "))

if select == 1:

print(number\_1, "+", number\_2, "=",

add(number\_1, number\_2))

elif select == 2:

print(number\_1, "-", number\_2, "=",

subtract(number\_1, number\_2))

elif select == 3:

print(number\_1, "\*", number\_2, "=",

multiply(number\_1, number\_2))

elif select == 4:

print(number\_1, "/", number\_2, "=",

divide(number\_1, number\_2))

else:

print("Invalid input")