**Python Assignment 5**

1. Write a Python Program to Find LCM?

num1 = int(input())

num2 = int(input())

if(num1 > num2 ):

max= num1

else:

max= num2

while(True):

if(max % num1 == 0 and max % num2 == 0):

print(max)

break;

max= max+ 1

2. Write a Python Program to Find HCF?

num1 = int(input("Enter first number: "))

num2 = int(input("Enter second number: "))

i = 1

while(i <= num1 and i <= num2):

if(num1 % i == 0 and num2 % i == 0):

gcd = i

i = i + 1

print("The H.C.F. of", num1,"and", num2,"is", gcd,)

3. Write a Python Program to Convert Decimal to Binary, Octal and Hexadecimal?

dec = int(input("Enter an integer: "))

print("The decimal value of",dec,"is:")

print(bin(dec),"in binary.")

print(oct(dec),"in octal.")

print(hex(dec),"in hexadecimal.")

4. Write a Python Program To Find ASCII value of a character?

ch = input("Enter any character: ")

print("The ASCII value of char " + ch + " is: ",ord(ch))

5. Write a Python Program to Make a Simple Calculator with 4 basic mathematical operations?

number\_1 = int(input('Enter your first number: '))

number\_2 = int(input('Enter your second number: '))

# Addition

print('{} + {} = '.format(number\_1, number\_2))

print(number\_1 + number\_2)

# Subtraction

print('{} - {} = '.format(number\_1, number\_2))

print(number\_1 - number\_2)

# Multiplication

print('{} \* {} = '.format(number\_1, number\_2))

print(number\_1 \* number\_2)

# Division

print('{} / {} = '.format(number\_1, number\_2))

print(number\_1 / number\_2)