1. Write a Python Program to Find LCM?

num1 = int(input("Number 1: "))

num2 = int(input("Number 2: "))

def gcd(a, b):

while(b):

a, b = b, a % b

return a

# This function computes LCM

def lcm(x, y):

lcm = (x\*y)//gcd(x,y)

return lcm

print("The L.C.M. is", lcm(num1, num2))

>>>

Number 1: 35

Number 2: 70

The L.C.M. is 70

1. Write a Python Program to Find HCF?

num1 = int(input("Number 1: "))

num2 = int(input("Number 2: "))

def hcf(x, y):

while(y):

x, y = y, x % y

return x

hcf = hcf(num1,num2)

print("The HCF is", hcf)

>>> Number 1: 200

Number 2: 100

The HCF is 100

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

num = int(input("Enter a Number: "))

print("BINARY: ",bin(num))

print("OCTAL: ",oct(num))

print("HEXADECIMAL: ",hex(num))

>>> Enter a Number: 2

BINARY: 0b10

OCTAL: 0o2

HEXADECIMAL: 0x2

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

char = str(input("Enter a Character: "))

print("ASCII: ",ord(char))

>>> Enter a Character: c

ASCII: 99

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

num1 = int(input("Number 1: "))

operator = str(input(" Operator ( + , - , \* , / ): "))

num2 = int(input("Number 2: "))

def calc(num1,operator,num2):

if operator == "+":

return num1 + num2

elif operator == "-":

return num1 - num2

elif operator == "\*":

return num1 \* num2

elif operator == "/":

return num1 / num2

else:

return 'Operator not valid'

print("RESULT: ",calc(num1, operator, num2))

>>>Number 1: 1

Operator ( + , - , \* , / ): +

Number 2: 4

RESULT: 5