1. Write a Python Program to Find LCM?

def compute\_lcm(x, y):

# choose the greater number

if x > y:

greater = x

else:

greater = y

while(True):

if((greater % x == 0) and (greater % y == 0)):

lcm = greater

break

greater += 1

return lcm

num1 = 10

num2 = 4

print("The L.C.M. is", compute\_lcm(num1, num2))

1. Write a Python Program to Find HCF?

def cf(n1,n2):

if n1>n2:

smaller=n2

else:

smaller=n1

for i in range(1,smaller+1):

if((n1%i==0) and (n2%i==0)):

hcf=i

return hcf

x=56

y=12

print("HCF is :", cf(x,y))

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

dec = 225

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

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

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

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

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

c = 'p'

print("The ASCII value of '" + c + "' is", ord(c))

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

def sum(i,j):

k=i+j

return k

def sub(i,j):

k=i-j

return k

def mul(i,j):

k=i\*j

return k

def div(i,j):

k=i/j

return k

i=int(input("enter a val: "))

j=int(input("enter a val: "))

op=input("enter operator: ")

str1="+"

str2="-"

str3="\*"

str4="/"

if (op==str1):

print(i,op,j," is ", sum(i,j))

elif (op==str2):

print(i,op,j," is ", sub(i,j))

elif (op==str3):

print(i,op,j," is ", mul(i,j))

elif (op==str4):

print(i,op,j," is ", div(i,j))

else:

print("Wrong Operator")