1. Write a Python Program to Find LCM?

def LCM(a,b):

j = 1

while j < a\*\*b:

if (j%a==0) :

if (j%b==0):

print(j)

break

j= j+1

1. Write a Python Program to Find HCF?

def HCF(a,b):

l = []

k = []

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

if a%i == 0:

l.append(i)

for j in range(1,b+1):

if b%j==0:

k.append(j)

for p in k[::-1]:

if p in l:

print(f'HCF of these two numbers is {p}')

break

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

class Converter:

def \_\_init\_\_(self,number):

self.number = number

def binary(self):

return 'Binary number is ' + " " + bin(self.number)

def octal (self):

return 'Octal number is' + " " + str(oct(self.number))

def hexadecimal(self):

return 'hexadecimal number is'+ " " + str(hex(self.number))

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

def asci():

a = input('Enter character: ')

return ord(a)

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

def addition(x,y):

return x+y

def subtractio(x,y):

return x-y

def multiplication(x,y):

return x\*y

def division(x,y):

return x/y