1. Write a Python Program to Find LCM?

def find\_LCM(x,y):

if x>y:

greater=x

else:

greater=y

while True:

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

LCM=greater

break

else:

greater=greater+1

print(f'The LCM of {x} and {y} is {LCM}')

find\_LCM(3,6)

find\_LCM(45,67)

1. Write a Python Program to Find HCF?

def find\_HCF(x,y):

if x>y:

smaller=y

else:

smaller=x

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

if ((x%i==0) & (y%i==0)):

HCF=i

print(f'the HCF of {x} and {y} is {HCF}')

find\_HCF(3,7)

find\_HCF(10,200)

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

def binarytoother():

n=int(input('enter number'))

print(f'binary number-->{bin(n)}')

print(f'Octal number-->{oct(n)}')

print(f'Hexadecimal number-->{hex(n)}')

binarytoother()

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

def ASCII():

n=input('enter character')

if len(n)>1:

print('Please enter single character')

else:

print(f'ASCII of {n} is:{ord(n)}')

ASCII()

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

import operator

choice={'+':operator.add,'-':operator.sub,'\*':operator.mul,'/':operator.truediv}

while True:

operator=input('enter operation:')

if operator not in ['+','-','\*','/']:

print('Please enter valid operator')

break

else:

n1=int(input('enter first number:'))

n2=int(input('enter second number:'))

print(f'{n1}{operator}{n2}:{choice[operator](n1,n2)}')