1. Write a Python Program to Find LCM?

Ans.

def lcm(a,b):

if a>b:

greater = a

else:

greater = b

while True:

if ((greater % a == 0) and (greater % b ==0 )):

LCM = greater

break

greater+=1

print(LCM)

1. Write a Python Program to Find HCF?

Ans.

a = 40

b = 25

c = range(1,a+1)

d = range(1,b+1)

for i in c:

if a%i == 0:

for f in d:

if b%f == 0:

if i == f:

hcf = i

print(hcf)

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

Ans.

decimal = 921

print("converted value of decimal to binary :",bin(decimal))

print("converted value of decimal to octal :",oct(decimal))

print("converted value of decimal to hexadecimal :",hex(decimal))

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

Ans.

d = input("enter character")

print("ASCII value of a character is ",ord(d))

#or we can maintain dictionary

value = input("enter a character : ")

asc = { "a" : 97, "b" : 98} #we can maintain for all the character

for i in asc.items():

if value in i:

print("ASCII value is : ",i)

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

Ans.

def add(x,y):

return x+y

def subtract(x,y):

return x-y

def devide (x,y):

return x/y

def multiply(x,y):

return x\*y

while True:

function = input("select choice between add,subtract, devide and mutliply : ")

if function in ( "add", "subtract", "devide","multiply"):

n1 = int(input("enter no. 1 : "))

n2 = int(input("enter no. 2 : "))

if function == "add" :

print(n1, " + ", n2, " =" , add(n1,n2))

elif function == "subtract":

print(n1, " - ", n2 , " =", subtract(n1,n2))

elif function == "devide":

print(n1, " / ", n2 , " =", devide(n1,n2))

else:

print(n1, " \* ",n2, " =", multiply(n1,n2))

break