Write a Python Program to Find LCM?

Answer

a=int(input("enter 1st number: "))

b=int(input("enter 2nd number: "))

def LCM():

if a>b:

greater=a

else:

greater=b

while(True):

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

lcm=greater

break

greater=greater+1

print("LCM of the given two numbers are: ",lcm)

LCM()

Write a Python Program to Find HCF?

Answer

a=int(input("enter 1st number: "))

b=int(input("enter 2nd number: "))

def HCF():

if(a>b):

smaller=b

else:

smaller=a

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

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

hcf=i

print("HCF of the given two numbers is: ",hcf)

HCF()

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

Answer

dec=int(input("enter a number in range 0-9:" ))

print("the binary value of given number is: ",bin(dec))

print("the octal value of given number is: ",oct(dec))

print("the hexadecimal value of given number is: ",hex(dec))

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

Answer

char=input("enter the character to find ASCII value: ")

print("ASCII value of given character is:",ord(char) )

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

Answer

# Program make a simple calculator

# This function adds two numbers

def add(x, y):

return x + y

# This function subtracts two numbers

def subtract(x, y):

return x - y

# This function multiplies two numbers

def multiply(x, y):

return x \* y

# This function divides two numbers

def divide(x, y):

return x / y

print("Select operation.")

print("1.Add")

print("2.Subtract")

print("3.Multiply")

print("4.Divide")

while True:

# take input from the user

choice = input("Enter choice(1/2/3/4): ")

# check if choice is one of the four options

if choice in ('1', '2', '3', '4'):

num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

if choice == '1':

print(num1, "+", num2, "=", add(num1, num2))

elif choice == '2':

print(num1, "-", num2, "=", subtract(num1, num2))

elif choice == '3':

print(num1, "\*", num2, "=", multiply(num1, num2))

elif choice == '4':

print(num1, "/", num2, "=", divide(num1, num2))

# check if user wants another calculation

# break the while loop if answer is no

next\_calculation = input("Let's do next calculation? (yes/no): ")

if next\_calculation == "no":

break

else:

print("Invalid Input")