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 = 54

num2 = 24

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

2. Write a Python Program to Find HCF?

# define a function

def compute\_hcf(x, y):

# choose the smaller number

if x > y:

smaller = y

else:

smaller = x

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

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

hcf = i

return hcf

num1 = 54

num2 = 24

print("The H.C.F. is", compute\_hcf(num1, num2))

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

# Python program to convert decimal into other number systems

dec = 344

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

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

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

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

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

# Program to find the ASCII value of the given character

c = 'p'

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

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

**Sol:**

print("\*\*\*\*Mini alculator\*\*\*\*\*")

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

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

print(" press 1 for addition /n press 2 for subtract /n press 3 for multiplication /n press 4 for division")

choice = int(input("enetr choice from 1-4: "))

if choice == 1:

    print("adddition of two given number :" ,num1+num2)

elif choice == 2:

    print("subtraction of two given numbers:", num1-num2)

elif choice == 3:

    print("multiplication of two nubers:" ,num1\*num2)

elif choice == 4:

    print("division of two numbers:" ,num1/num2)

else:

 print("invalid choice")