1. Write a Python Program to Find LCM?

def find\_lcm(x, y):

# Compute the greater number

greater = max(x, y)

while True:

if greater % x == 0 and greater % y == 0:

lcm = greater

break

greater += 1

return lcm

num1 = int(input("Enter the first number: "))

num2 = int(input("Enter the second number: "))

lcm\_result = find\_lcm(num1, num2)

print("LCM of", num1, "and", num2, "is", lcm\_result)

1. Write a Python Program to Find HCF?

def find\_hcf(x, y):

while y != 0:

x, y = y, x % y

return x

num1 = int(input("Enter the first number: "))

num2 = int(input("Enter the second number: "))

hcf\_result = find\_hcf(num1, num2)

print("HCF of", num1, "and", num2, "is", hcf\_result)

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

decimal = int(input("Enter a decimal number: "))

binary = bin(decimal)

octal = oct(decimal)

hexadecimal = hex(decimal)

print("Binary:", binary)

print("Octal:", octal)

print("Hexadecimal:", hexadecimal)

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

character = input("Enter a character: ")

ascii\_value = ord(character)

print("ASCII value of", character, "is", ascii\_value)

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

def add(x, y):

return x + y

def subtract(x, y):

return x - y

def multiply(x, y):

return x \* y

def divide(x, y):

return x / y

print("Select operation:")

print("1. Add")

print("2. Subtract")

print("3. Multiply")

print("4. Divide")

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

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

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

if choice == '1':

print("Result:", add(num1, num2))

elif choice == '2':

print("Result:", subtract(num1, num2))

elif choice == '3':

print("Result:", multiply(num1, num2))

elif choice == '4':

print("Result:", divide(num1, num2))

else:

print("Invalid Input")