**1. Write a Python Program to Find LCM?**

# Main code

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

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

# Find 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

print("The LCM of", x, "and", y, "is", lcm)

**2. Write a Python Program to Find HCF?**

# Main code

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

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

# Find the smaller number

if x < y:

smaller = x

else:

smaller = y

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

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

hcf = i

print("The HCF of", x, "and", y, "is", hcf)

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

# Main code

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

# Convert decimal to binary

bin = bin(dec).replace("0b", "")

# Convert decimal to octal

oct = oct(dec).replace("0o", "")

# Convert decimal to hexadecimal

hex = hex(dec).replace("0x", "")

print("The binary representation of", dec, "is", bin)

print("The octal representation of", dec, "is", oct)

print("The hexadecimal representation of", dec, "is", hex)

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

# Main code

char = input("Enter a character: ")

# Find the ASCII value of the character

ascii\_value = ord(char)

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

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

# Main code

print("Select the operation you want to perform:")

print("1. Addition")

print("2. Subtraction")

print("3. Multiplication")

print("4. Division")

# Take user input

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

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

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

if choice == 1:

result = num1 + num2

print("The result of", num1, "+", num2, "is", result)

elif choice == 2:

result = num1 - num2

print("The result of", num1, "-", num2, "is", result)

elif choice == 3:

result = num1 \* num2

print("The result of", num1, "\*", num2, "is", result)

elif choice == 4:

result = num1 / num2

print("The result of", num1, "/", num2, "is", result)

else:

print("Invalid Input")