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

**Ans.** X= int (input("Enter first number: "))

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

Max = max(X,Y)

while(True):

if (Max%X==0 and Max%Y==0):

break

Max = Max+1

print(f"The LCM of {X} and {Y} is {Max}")

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

**Ans**: X= int (input("Enter first number: "))

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

Min = min(X,Y)

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

if (X%i==0 and Y%i==0):

HCF = i

print(f"The HCF of {X} and {Y} is {HCF}")

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

**Ans.** Num = 240

print(f"The decimal of", Num, "is:")

print(f"Binary value of {Num} is :", bin(Num))

print(f"Octal value of {Num} is :",oct(Num) )

print(f"hexadecimal value of {Num} is :",hex(Num))

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

**Ans.** Char= input("Enter a character: ")

Value = ord(Char)

print("The ASCII value of '" + Char + "' is", Value )

print("Character of Ascii value is : ",chr(Value))

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

**Ans.** def add(P, Q):

return P + Q

def subtract(P, Q):

return P - Q

def multiply(P, Q):

return P \* Q

def divide(P, Q):

return P / Q

# Now we will take inputs from the user

print ("Please select the operation.")

print ("Add")

print ("Subtract")

print ("Multiply")

print ("Divide")

choice = input("Please enter choice (Add / Subtract / Multiply / Divide): ")

num\_1 = int (input ("Please enter the first number: "))

num\_2 = int (input ("Please enter the second number: "))

if choice == 'Add':

print (num\_1, " + ", num\_2, " = ", add(num\_1, num\_2))

elif choice == 'Subtract':

print (num\_1, " - ", num\_2, " = ", subtract(num\_1, num\_2))

elif choice == 'Multiply':

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

elif choice == 'Divide':

print (num\_1, " / ", num\_2, " = ", divide(num\_1, num\_2))

else:

print ("This is an invalid input")