1. Write a Python Program to Find LCM?

A)

num1=2

num2=7

high\_val=num1 if num1>num2 else num2

while True:

if (high\_val%num1==0) and (high\_val%num2==0):

print(high\_val)

break

else:

high\_val+=1

2. Write a Python Program to Find HCF?

A)

a = 53

b = 33

low = a if a < b else b

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

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

hcf = i

print(hcf)

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

A)

def conversion(num):

print("Binary: ", bin(num))

print("Octal: ", oct(num))

print("Hexadecimal: ", hex(num))

conversion(251)

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

A)

char=input("enter a char ")

asc=ord(char)

print(asc)

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

A)

try:

while True:

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

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

print("\nFor addition: +")

print("For subtraction: -")

print("For multiplicaton: \*")

print("For division: /")

print("For Exit: X")

ch = input("\nEnter the choice for mathematical operations: ")

if ch == '+':

output = num1 + num2

elif ch == '-':

output = num1 - num2

elif ch == '\*':

output = num1 \* num2

elif ch == '/':

output = num1 / num2

if ch == 'X' or ch == 'x':

break

print("\nResult: ", output)

except Exception as e:

print(e)