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?

```
# Python program to find H.C.F of two numbers
# 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?

```
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?

```
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?

```
# This function adds two numbers
def add(x, y):
    return x + y
# This function subtracts two numbers
def subtract(x, y):
    return x - y
# This function multiplies two numbers
def multiply(x, y):
    return x * y
# This function divides two numbers
def divide(x, y):
    return x / y
print("Select operation.")
print("1.Add")
print("2.Subtract")
print("3.Multiply")
print("4.Divide")
while True:
```

```
# take input from the user
choice = input("Enter choice(1/2/3/4): ")
# check if choice is one of the four options
if choice in ('1', '2', '3', '4'):
    num1 = float(input("Enter first number: "))
    num2 = float(input("Enter second number: "))
    if choice == '1':
        print(num1, "+", num2, "=", add(num1, num2))
    elif choice == '2':
        print(num1, "-", num2, "=", subtract(num1, num2))
    elif choice == '3':
        print(num1, "*", num2, "=", multiply(num1, num2))
    elif choice == '4':
        print(num1, "/", num2, "=", divide(num1, num2))
   # check if user wants another calculation
    # break the while loop if answer is no
    next_calculation = input("Let's do next calculation? (yes/no): ")
    if next_calculation == "no":
        break
   else:
        print("Invalid Input")
```