1. Write a Python Program to Find LCM?

```
def find_lcm(x, y):
    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

print(find_lcm(24, 36))
```

2. Write a Python Program to Find HCF?

```
def compute_hcf(x, y):
    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
    return hcf
compute_hcf(54,24)
```

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

```
dec = 4

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?

```
x = 'q'
print("The ASCII value of '" + x + "' is", ord(x))
```

5. 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")

while True:

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

   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))

      new_calculation = input("Let's do next calculation? (yes/no): ")
      if new_calculation == "no":
         break
   else:
      print("Invalid Input")
```