

1. Write a Python Program to Find LCM?

```
In [1]: num1 = int(input("Enter the num1: "))
num2 = int(input(" Enter the num2:"))
if(num1 > num2 ):
    max= num1
else:
    max= num2
while(True):
    if(max % num1 == 0 and max % num2 == 0):
        print("LCM of numbers is :", max)
        break;
    max= max+ 1
```

```
Enter the num1: 4
Enter the num2:12
LCM of numbers is : 12
```

2.write a Python program to find HCF

```
In [3]: x1 = int(input("Enter the num1: "))
x2 = int(input("Enter the num2: "))
if(x1 < x2 ):
    min= x1
else:
    min= x2
i = 1
while (i<=min):
    if x1%i == 0 and x2%i == 0:
        hcf = i
    i = i+1
print("HCF of numbers is :", hcf)
```

```
Enter the num1: 4
Enter the num2: 12
HCF of numbers is : 4
```

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

```
In [6]: dec = int(input("Enter an integer: "))
print("The decimal value of", dec, "is: ")
print(bin(dec), "in binary.")
print(oct(dec), "in octal.")
print(hex(dec), "in hexadecimal.")
```

```
Enter an integer: 583
The decimal value of 583 is:
0b1001000111 in binary.
0o1107 in octal.
0x247 in hexadecimal.
```

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

```
In [9]: # ord() is used in python to convert a characte in ASCII value.

u = input("Enter a character: ")
print("The ASCII value of '" + u + "' is", ord(u))
```

```
Enter a character: a
The ASCII value of 'a' is 97
```

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

```
In [10]: a = int(input())
b = int(input())
c = str(input())
if c == "+":
    print(a+b)
if c == "-":
    print(a-b)
if c == "*":
    print(a*b)
if c == "/":
    print(a/b)
if c == "%":
    print(a%b)
```

```
2
5
-
-3
```

```
In [ ]:
```