1. Write a Python Program to Find LCM?
2. Write a Python Program to Find HCF?
3. Write a Python Program to Convert Decimal to Binary, Octal and Hexadecimal?
4. Write a Python Program To Find ASCII value of a character?
5. Write a Python Program to Make a Simple Calculator with 4 basic mathematical operations?

1. Python Program to Find LCM:

python

```
def lcm(x, y):
   """This function finds the LCM of two numbers"""
   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

# example usage
print("LCM of 4 and 6 is:", lcm(4, 6))
```

2. Python Program to Find HCF:

python

```
def hcf(x, y):
    """This function finds the HCF of two numbers"""
    if x > y:
        smaller = y
    else:
        smaller = x

    hcf = 1
    for i in range(1, smaller+1):
        if((x % i == 0) and (y % i == 0)):
            hcf = i
```

```
    return hcf

# example usage
print("HCF of 24 and 36 is:", hcf(24, 36))
```

3. Python Program to Convert Decimal to Binary, Octal and Hexadecimal:

python
```
decimal = 10

# decimal to binary
binary = bin(decimal)
print(decimal, "in binary is:", binary)

# decimal to octal
octal = oct(decimal)
print(decimal, "in octal is:", octal)

# decimal to hexadecimal
hexadecimal = hex(decimal)
print(decimal, "in hexadecimal is:", hexadecimal)
```

4. Python Program To Find ASCII value of a character:

python
```
char = 'A'

# finding ASCII value of a character
ascii_value = ord(char)
print("The ASCII value of", char, "is:", ascii_value)
```

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

python
```
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("Please select an operation:")
print("1. Add")
print("2. Subtract")
print("3. Multiply")
print("4. Divide")

# take input from the user
choice = input("Enter choice (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))
else:
    print("Invalid input")
```