

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?

```
[25]: #1
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))
if num1 > num2:
    greater = num1
else:
    greater = num2
while True:
    if greater%num1 == 0 and greater%num2 == 0:
        print("LCM of {num1} and {num2} is {greater}")
        break
    greater += 1
```

```
Enter the first number: 4
Enter the second number: 6
LCM of 4 and 6 is 12
```

```
[26]: #2
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))
if num1 > num2:
    smaller = num1
else:
    smaller = num2
for i in range(1, smaller+1):
    if num1 % i == 0 and num2 % i == 0:
        hcf = i
print("HCF of {num1} and {num2} is {hcf}")
```

```
Enter the first number: 4
Enter the second number: 6
HCF of 4 and 6 is 2
```

```
[27]: #3
num = int(input("Enter a decimal number: "))
print("Binary: {bin(num)}")
print("Octal: {oct(num)}")
print("Hexadecimal: {hex(num)}")
```

```
Enter a decimal number: 666
Binary: 1010010110
Octal: 615
Hexadecimal: 2AA
```

```
[28]: #4
char = input("Enter a character: ")
print("ASCII: {ord(char)}")
Enter a character: 0
ASCII: 48
```

```
[29]: #5
num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))

print("Choose operation: +, -, *, /")
op = input("Enter operator: ")

if op == "+":
    print("Result: {num1 + num2}")
elif op == "-":
    print("Result: {num1 - num2}")
elif op == "*":
    print("Result: {num1 * num2}")
elif op == "/":
    if num2 != 0:
        print("Result: {num1 / num2}")
    else:
        print("Error: Division by zero!")
else:
    print("Invalid operator")
```