Lab5 Huge Integer (Operator Overloading)

For this problem you need to read data **from the text file** and implement the addition and subtraction of huge integers by using operator overloading.

You should implement 3 functions by yourself in class:
1. Open the file and read all the operations **from the file**.
2. Add the two huge integers.
3. Minus the two huge integers.

You need to consider that all the huge numbers are represented as hexadecimal numbers.

Hint : The input and output number may be negative

Input Format
The number in the first line is the number of test cases
Then, each following line contains an operator and two big hexadecimal numbers.

Output Format
Print two numbers and result of the calculation in each test case.

Sample Input & Output

INPUT :
6
123+789
aaa-bbb
18446744073709551614+18446744073709551614
9223372036854775807−2147483647
c2a3cc35f96982fb018a−666afd613073f3eb8620
-0a4c936b2600424e136+0a4c936b2600424e136

OUTPUT:
1
num1: 123
num2: 789
result: 8ac

2
num1: aaa
num2: bbb
result: -111

3

num1: 18446744073709551614
num2: 18446744073709551614
result: 3088ce880e6e12aa2c28

4
num1: 9223372036854775807
num2: 2147483647
result: 922337203470d2f21c0

5
num1: c2a3cc35f96982fb018a
num2: 666afd613073f3eb8620
result: 5c38ced4c8f58f0f7b6a

6
num1: -0a4c936b2600424e136
num2: 0a4c936b2600424e136
result: 0