A Simple Calculator

In this assignment, you need to build a simple calculator which can compute the basic arithmetic operation of addition, multiplication, subtraction and division on given two numbers from the user and display the computed result. For division, you need to display both the quotient and remainder. In case of division, the first number will be divided by the second number whereas in case of subtraction, the first number will be subtracted from the second number. For division operation, you may assume that the second number will always be smaller or equal to first number.

You need not use loops. Once your desired operation is computed, your program will be closed.

Command line will ask for the choice from the user. Please see the following input/output scenario for clarification

Sample Input/Output:

Input	Output

Please enter your choice:
   1. Addition
   2. Subtraction
   3. Multiplication
   4. Division
1
Enter two numbers
2
3
	The result is 5

Please enter your choice:
   1. Addition
   2. Subtraction
   3. Multiplication
   4. Division
2
Enter two numbers
2
3
	The result is -1

Please enter your choice:
   1. Addition
   2. Subtraction
   3. Multiplication
   4. Division
3
	The result is 6

Enter two numbers 2 3	

Please enter your choice:
    1. Addition
    2. Subtraction
    3. Multiplication
    4. Division
4
Enter two numbers
3
2
	The result is
	Quotient 1
	Remainder 1