Exercise 7 - Big Number

Write a program where the user can enter three items delimited by space. Delimited by space means that the user can enter one space or more spaces between the items.

Item 1: A whole number up to 50 digits.

Item 2: An operator, such as +, -, \*, and /

Item 3: A whole number up to 50 digits.

The program will display the result of the addition, subtraction, multiplication, or division problem as an integer. Since the result can be a very long number, please display 80 digits per line.

Example 1:

Enter an addition, subtraction, multiplication, or division problem:

1234567890123456789012345678901234567890 + 1

The answer is: 1234567890123456789012345678901234567891

Example 2:

Enter an addition, subtraction, multiplication, or division problem:

12345678901234567890 \* 100

The answer is: 1234567890123456789000

Example 3:

Enter an addition, subtraction, multiplication, or division problem:

15 / 4

The answer is: 3