MIPS Assignment 2

Simple Math and Logical Operators

Tutorial

Before attempting this assignment, navigate back to the assembly tutorial mentioned in MIPS Assignment 1.

Complete Chapters 6-8 in the tutorial. You do not need to submit anything to prove you've done this.

Program

Write a program that lets the user input two integers, and outputs the result of several operations between them.

The Input

Each integer should be taken one at a time. For example, if we suppose the user enters the integers 2 and 3, the user's perspective would be:

1. User starts program

2. User hits 2, then the enter key

3. User hits 3, then the enter key

4. User sees the program outputting several results, each on their own line

The Output

Your program will output the result of four operations (each as integers):

1. Addition

2. Subtraction

3. Logical OR

4. Logical AND

Each output should be followed by a newline character ('\n' aka ASCII 10 aka Hex 0x0A).

If, for example, the user entered the numbers 6 and 1, a correct program would output the following:

```
7
5
7
```

```
0
```

Assignment Tag

For this assignment, use the following *Assignment tag*: *Mips2MathAndLogic*