Exam 1 Lab

Due   Sep 28 by 5:50pm   **Points**   100   **Submitting**   a file upload   **Available**   Sep 28 at 4:50pm - Sep 28 at 5:50pm about 1 hour

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This assignment was locked Sep 28 at 5:50pm.

Write an assembly language program that reads in 2 integers (x,y) from the keyboard and outputs the result of the following formula.....

2(x + 2y)

You must do the multiplication(s) without using the multiply instruction (get creative).

Example run:

```
Author: your name
Date: 03/02/2020
Program: Exam 1

Enter x: 15
Enter y: -1

2(15 + 2*-1) = (result)
```

Submission Requirements: all .s files, and a screenshot showing:

- input/output with the above values
- screenshot showing iX and iY (ONLY) in memory and your registers in gdb just before exiting the program.

Don't forget FULL documentation is required (20% of grade).

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