Hunter Poole CSCI 155 HW5, Problem 2

2) Write a program that displays the first 40 Fibonacci numbers. A Fibonacci number is created by add the previous two, with the first two always being 0 and 1. A partial sequence is as follows: 0, 1, 1, 2, 3, 5, 8, 13, 21,.... Your table must display 6 numbers per row and use a spacing of 10 for each number. Don't forget to look at handout on formatting output and probably use "printf()".

Three Step Analysis:

- A. Initialize two int variables at 0 & 1.
- B. Add them, display result.
- C. Write variable 2 into variable 1.
- D. Write result into variable 2.
- E. Add them, display result.
- F. Repeat B-E for a total of 40 outputs.

INPUT	OUTPUT	EQUATIONS
	Fibonacci sequence, first 40 numbers.	for (i = 39; i > 0; i)
	0, 1, 1, 2, 3, 5, 8, 13, 21,	Num3 = Num1 + Num2
		if ((i + 1) % 6 == 1)

- G. Limits / Constraints:
 - a. Must have six numbers on a line
 - b. Numbers must have spacing of 10
 - c. Must go only to the 40th fibonacci number
 - i. 102334155
 - ii. Counted 0 as 0, 1 as 1, 2 as 1.
 - 1. https://planetmath.org/listoffibonaccinumbers

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