Problem Set 5, Problems 6 and 7

Problem 6: Practicing function calls and variable scope

global variables

a	b	c
3	5	2
3	15	2

foo's local variables

a	b	c
2	3	5
6	3	5
19	3	15

bar's local variables

a	c	b
15	a	
15	6	9
15	6	19

mystery's local variables

c	a
15	18
15	9
6	10

output (the lines printed by the program)
3 5 2
foo 6 3 15
bar 15 9 6
foo 19 3 15
3 15 2

Problem 7: Understanding loops

IMPORTANT: This heading should appear at the very top of the second page.

7-1)

i	values[i]	values[i-1]	count
-	-	-	0
0	4	-	0
1	7	4	0
2	3	7	1
3	5	3	1
4	8	5	1
5	1	8	2

return value = 2

7-2)

a	b	value printed
8	3	8 3
5	2	3
3	1	2
2	0	2