

## Problem Set 5, Problems 6 and 7

### Problem 6: Practicing function calls and variable scope

global variables

a	b	c
3	5	2
14	5	2

foo's local variables

a	b	c
5	2	
9	4	6
9	4	14

mystery's local variables

c	a
9	12
9	6
4	7
4	8

output (the lines printed)

3 5 2

foo 9 4 6

foo 9 4 14

14 5 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	8	6	1
1	5	8	1
2	3	5	1
3	7	3	2
4	1	7	2
5	6	1	3

return value = 3

7-2)

a	b	value printed
12	4	12 4
8	3	5
5	2	3
3	1	2
2	0	2