

## Problem Set 1, Problem 4

4-1

global variables (ones that belong to the global scope)

a	b
8	6
4	6

local variables (ones that belong to foo)

a	b
8	6
4	4
6	4
4	2

output (the lines printed by the program)

8 6

foo 4 4

4 6

foo 4 2

4 6

#### 4-2

global variables (ones that belong to the global scope)

<b>a</b>	<b>b</b>
1	5
1	10

wow's local variables

<b>a</b>	<b>b</b>
5	10
1	2
3	6

yay's local variables

<b>a</b>	<b>b</b>
8	1

output (the lines printed by the program)

1 5

wow: 5 10

1 10

wow: 1 2

wow: 3 6

yay: 8 1

1 10