

## Problem Set 1, Problem 4

### 4-1

global variables (ones that belong to the global scope)

<b>a</b>	<b>b</b>
7	4
5	4

local variables (ones that belong to foo)

<b>a</b>	<b>b</b>
7	4
7	2
5	2
4	5
1	3

output (the lines printed by the program)

7 4

foo 5 2

5 4

foo 1 3

5 4

#### 4-2

global variables (ones that belong to the global scope)

<b>a</b>	<b>b</b>
3	2
3	4
3	4

wow's local variables

<b>a</b>	<b>b</b>
2	
2	4
3	6
5	10

yay's local variables

<b>a</b>	<b>b</b>
16	3

output (the lines printed by the program)

3 2

wow: 2 4

3 4

wow: 3 6

wow: 5 10

yay: 16 3

3 4