

## Problem Set 1, Problem 4

### 4-1

global variables (ones that belong to the global scope)

<b>a</b>	<b>b</b>
5	3
4	3

local variables (ones that belong to foo)

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

output (the lines printed by the program)

5 3

Foo 4 1

4 3

Foo 1 2

4 3

#### 4-2

global variables (ones that belong to the global scope)

<b>a</b>	<b>b</b>
4	3
4	6

wow's local variables

<b>a</b>	<b>b</b>
3	6
4	8
6	12

yay's local variables

<b>a</b>	<b>b</b>
20	4

output (the lines printed by the program)

4 3

Wow 3 6

4 6

Wow 4 8

Wow 6 12

Yay 20 4

4 6