## Problem Set 2, Problem 5

5-1

У	lc
0	[0,
1	[0, 1
2	[0,1,2,4
3	[0,1,2,4,9
4	[0,1,2,4,9,16]

**5-2** global variables

<del>3                                    </del>					
x	у				
4	2				
4	1				

local variables (ones that belong to mystery)

х	у	lc
2		
2	0	0
2	1	1
4		
4	0	0
4	1	1
4	2	3
4	3	3

output (the lines printed by the program)

4 2

4 1

3 1