

CS101: Lab #3  
Data and Expressions

1a.

Line	a	b	c	Output
1	5	2		
2	5	2	3.0	
3	7	2	3.0	
4	7	3	3.0	
5	7	3	2.0	
6	7	3	14.0	
7	7	3	14.0	$a + b + c = 24.0$

2a.

Line	a	b	x	s	Output
1	20	-			
2	20	0			
3	20	0	3.5		
4	20	0	3.5	"All"	
5	20	0	23.5	"All"	
6	20	0	22.5	"All"	
7	6	0	22.5	"All"	
8	6	3	22.5	"All"	
9	6	7	22.5	"All"	
10	6	7	22.5	"All"	a = 6, b = 7
11	6	7	22.5	"All"	x = 22.5 s = All

3a.

Line	x	y	temp	Output
1				Enter initial value of x.
2	input			
3	input			Enter initial value of y.
4	input	input 2		
5	input	input 2	input	
6	input 2	input 2	input	
7	input 2	input	input	
8	input 2	input	input	x = input 2 3
9	input 2	input	input	y = input 3