

CPU - Program 1

After Program 1 is complete, the Display and ALU/Memory should look like the following.

ALU/Memory

x	y
0	0
4	2
7	4
1	4
6	1
5	6
2	5
2	1
1	2
5	1
6	5
3	6
3	1
7	3
1	3
4	7
7	2

Display

	x									
	0	1	2	3	4	5	6	7	8	9
0										
1			■	■		■	■			
2		■			■			■		
3		■						■		
4		■						■		
5			■				■			
6				■		■				
7					■					
8										
9										