## CPU - Program 2

After Program 2 is complete, the Display and ALU/Memory should look like the following.

## **ALU/Memory**

x	$\mathbf{y}$
0	0
5	3
6	6
3	5
1	3
5	1
7	3
4	7
5	7
3	7
1	5
1	4
7	4
7	5
5	5
2	6
2	2
6	2
3	3
3	1
0 5 6 3 1 5 7 4 5 3 1 1 7 7 7 5 2 2 2 6 3 3 4 4	9 0 3 6 5 3 1 3 7 7 7 7 5 4 4 5 5 6 2 2 2 3 1 1 5
4	5

		Display									
		x									
		0	1	2	3	4	5	6	7	8	9
y	0										
	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										