

## CS2253 Assignment 3 – Isaac Shoebottom

**NOTE TO GRADER:** You must click “Reload object file” between each run for my programs to work. I don’t quite know why this is the case but that is the only way it works for me.

### Screenshots of problem 1

Memory		
① ▶	x4000	x0011 17
① ▶	x4001	xFFEE -18
① ▶	x4002	x0005 5
① ▶	x4003	xFFF6 -10
① ▶	x4004	x0007 7
① ▶	x4005	x0005 5
① ▶	x4006	xFFF8 -8
① ▶	x4007	x0000 0

  

① ▶	x4000	x0011 17
① ▶	x4001	xFFE6 -26
① ▶	x4002	x0005 5
① ▶	x4003	xFFF6 -10
① ▶	x4004	x0007 7
① ▶	x4005	x0005 5
① ▶	x4006	xFFF8 -8
① ▶	x4007	xFFF8 -8
① ▶	x4008	x0000 0

### Screenshots of problem 2

Memory		
① ▶	x4000	x0001 1
① ▶	x4001	x0001 1
① ▶	x4002	x0002 2
① ▶	x4003	x0003 3
① ▶	x4004	x0000 0
① ▶	x4005	x0000 0

Memory			
?	▶	x4000	x0001 1
?	▶	x4001	x0001 1
?	▶	x4002	x0002 2
?	▶	x4003	x0003 3
?	▶	x4004	x018F 399
?	▶	x4005	x0000 0
?	▶	x4006	x0000 0

Memory			
?	▶	x4000	x0000 0
?	▶	x4001	x0001 1
?	▶	x4002	x0002 2
?	▶	x4003	x0003 3
?	▶	x4004	xFFFF -1
?	▶	x4005	x0000 0