Dr. Bassem Al-Halabi, S&E362   March 6, 2000

Name: Grade: **/10**

[4] **1)** For the following program segments, execute each program one instruction at a time. At the end of each instruction execution, indicate any changes in registers and/or memory locations. Note that the results of any instruction may be operands for succeeding instructions.

	D1	**D2**	**A1**
	7172 7374	8182 8384	0000 A006
MOVEM.L D1, -(A1)			
MOVEM.W (A1)+, D2/D1			

00A000	55
00A001	55
00A002	55
00A003	55
00A004	55
00A005	55
00A006	55
00A007	55

	D1	**D2**
	7172 7374	8182 8384
CLR.B D1		
ROL.L #8, D1		
ORI.L #0F0F0F0F, D2		