

**NAME:**Ayesha Tassawer

**Sap\_id:**55421

**Submitted to:**Ma'am Ayesha

**LAB 11 SUBMISSION**

# CLASS WORK

Data	Dec	W1-0.a X	*XOR.a X	ISZ.a X	Addr	Hex	Data	Dec
Registers		1 ISZ 009 2 OUT 3 HLT			MAIN			
Name	Width	Data			Addr	Data		
AC	16	0			000	49161		
AR	12	-512			001	62464		
DR	16	1			002	57345		
E	1	0			003	0		
I	1	0			004	0		
IR	16	-8191			005	0		
PC	12	3			006	0		
S	1	-1			007	0		
EXECUTING...					008	0		
Output: 0					009	0		
EXECUTION HALTED NORMALLY due to the setting of the bit(s): [HALT-BIT]					00A	0		
					00B	0		
					00C	0		
					00D	0		
					00E	0		
					00F	0		
					010	0		

## TASK 1

Data	Dec	W1-0.a X	*XOR.a X	ISZ.a X	Addr	Hex	Data	Dec
Registers		1 ISZ 009 2 OUT 3 HLT			MAIN			
Name	Width	Data			Addr	Data		
AC	16	0			000	49161		
AR	12	-512			001	62464		
DR	16	1			002	57345		
E	1	0			003	0		
I	1	0			004	0		
IR	16	-8191			005	0		
PC	12	3			006	0		
S	1	-1			007	0		
EXECUTING...					008	0		
Output: 0					009	-3		
EXECUTION HALTED NORMALLY due to the setting of the bit(s): [HALT-BIT]					00A	0		
					00B	0		
					00C	0		
					00D	0		
					00E	0		
					00F	0		
					010	0		

