## ACTIVITY 8

## STATUS FLAGS & ADDITION/SUBTRACTION

		Note: The mov instruction	n does not o	hange	any fla	ags.	 	 
1.	the following instruction	e, zero, and overflow, aux ons are executed in order. ord or set after that instruct	After each	instru				
		Value in AH?	CF	SF	ZF	OF		
		0	0	0	0	0		
	mov ah, OFFh							
	add ah, 1							
	sub ah, 1							
2.	(Same instructions.)							
	,	Value in AH?	CF	SF	ZF	OF		
		0	0	0	0	0		
	mov ah, 0							
	add ah, 1							
	sub ah, 1	<del></del>						
	add ah, -1	<del></del>						
	sub ah, -1							
	add ah, OFFh							
	sub ah, 0FFh							
3.	(Same instructions.)							
	,	Value in AH?	CF	SF	ZF	OF		
		0	0	0	0	0		
	mov ah, 7Fh							
	add ah, 10h	<del></del>						
	mov ah, 80h							
	sub ah, 1							
1.	(Same instructions.)							
	,	Value in AX?	CF	SF	ZF	OF		
		0	0	0	0	0		
	mov ax, 7Fh							
	add ax. 10h							