

03_BOXES

I/O Definition			
on PORTB set bits 0, 1, 2 as output for S1, S2, S3			
on PORTB set bits 3, 4, 5 as input for LED_GRANDE, LED_MEDIA, LED_PICCOLA			
big = medium = small = 0			
Endless Loop			
S1 is low			
?			
turn off LED_PICCOLA, LED_MEDIA, LED_PICCOLA			
V	S3 is low		
	F		
turn on LED_GRANDE big = big +1	S2 is low		
	F		
	turn on LED_MEDIA medium = medium +1	S1 is low	
		F	
		turn on LED_PICCOLA small = small +1	?