Week 4.			
Logic element:			
combination => depends	only on its	current inp	nts.
sequential => depends on			
Gates?			
AND OR. N	OT XOR	2. Etime only	when an
A C A C A		c odd nn	
CZA:B. CZA+B	C 2 A A	B. inputs an	re true)
		B+A·B	
Three-input XOR Function			
ABBOC = x·c+x·c			
= ABC+ ABL+ AB	C+ABC.		
x+Y. Z=(x+Y)(x+Z)) .		
x+\(\bar{2}\) = x+\(\frac{1}{2}\)			
Half-adder: two inp			
	in => two b		
Full-adder: three one	-bit binary of	igits addit:	on.