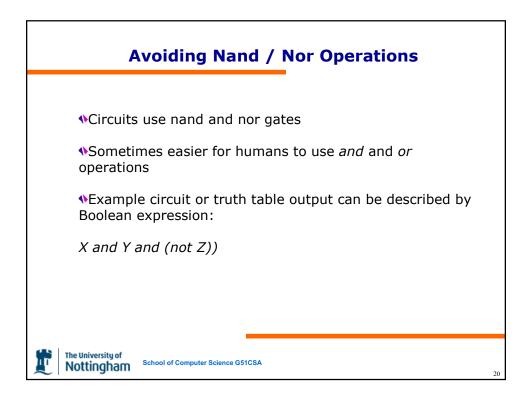
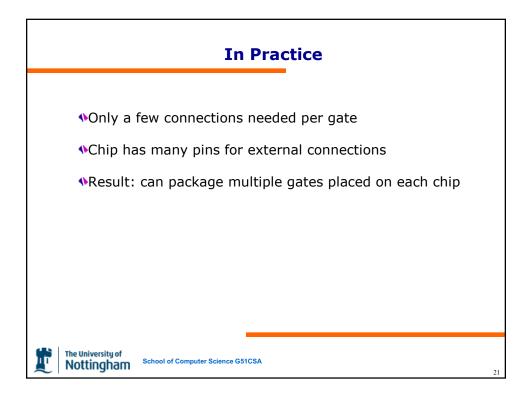
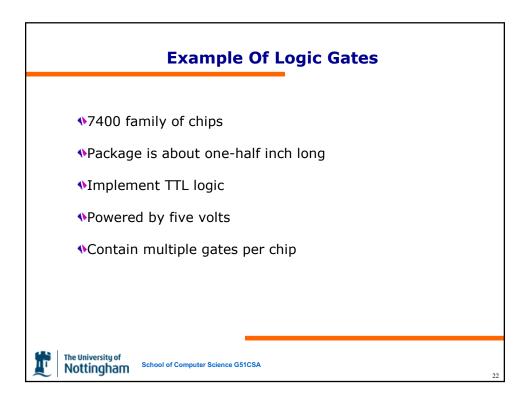
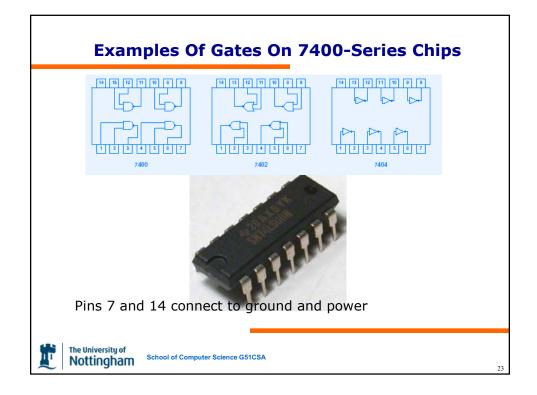


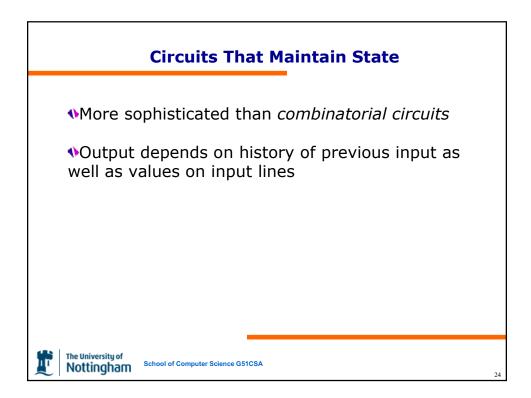
Describing A Circuit With A Truth Table									
	х	Y	Z	А	в	С	output		
	0	0	0	1	0	1	0		
	0	0	1	1	0	1	0		
	0	1	0	0	1	1	0		
	0	1	1	0	0	1	0		
	1	0	0	1	0	1	0		
	1	0	1	1	0	1	0		
	1	1	0	0	1	0	1		
	1	1	1	0	0	1	0		
Table lists all possible inputs and output for each									
Can also state values for intermediate points									
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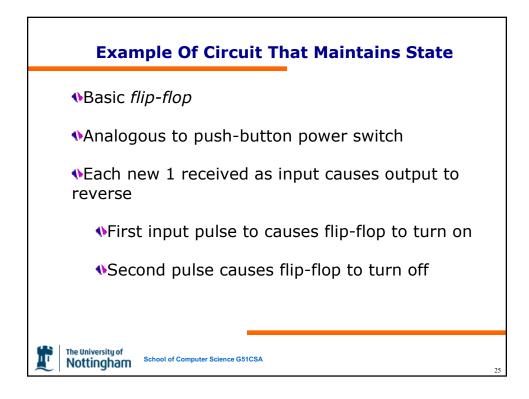


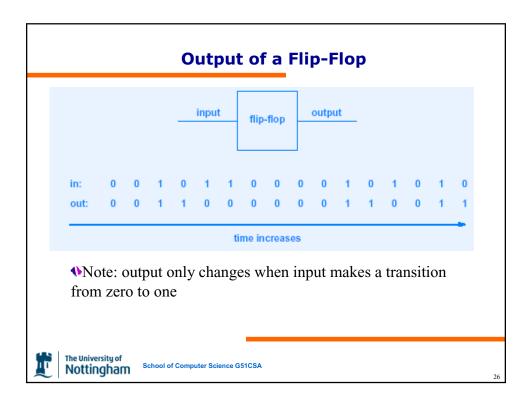


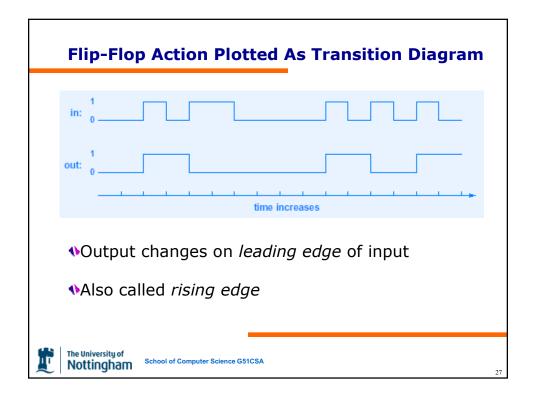


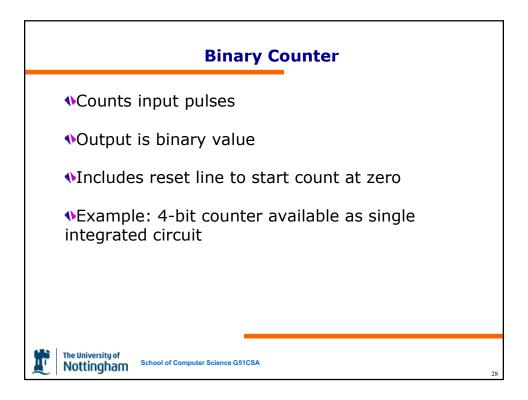


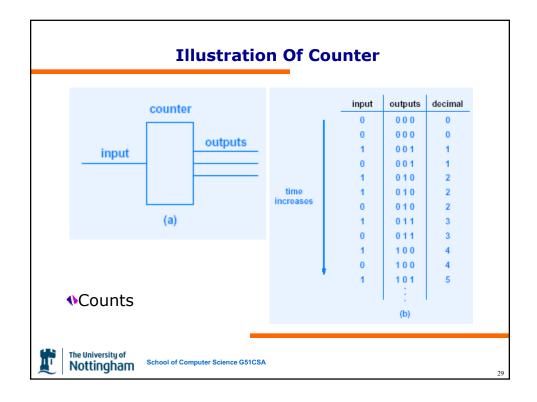


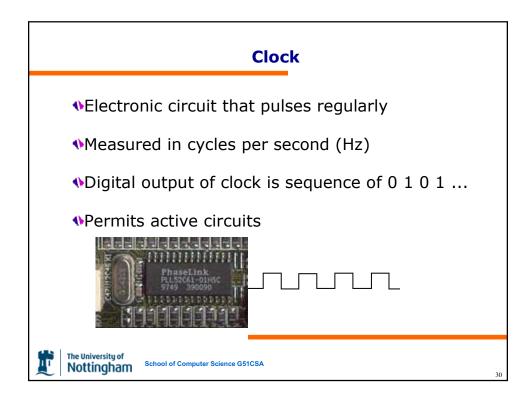


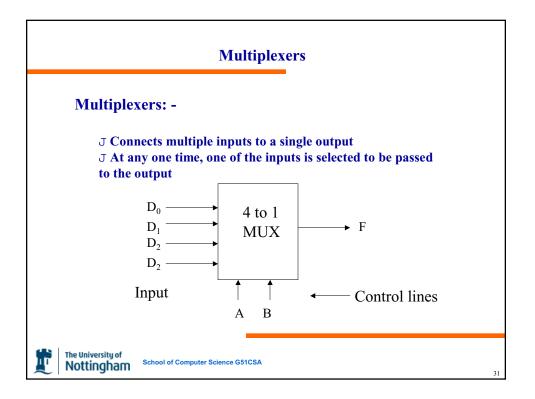


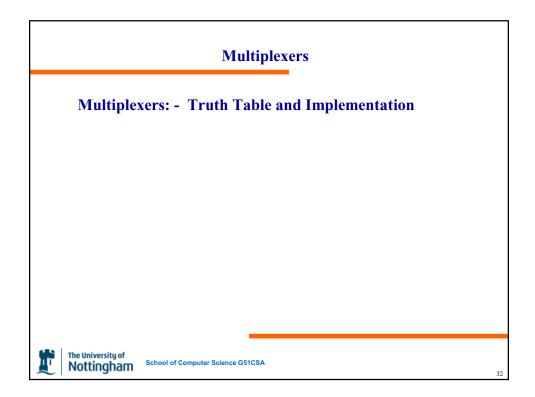


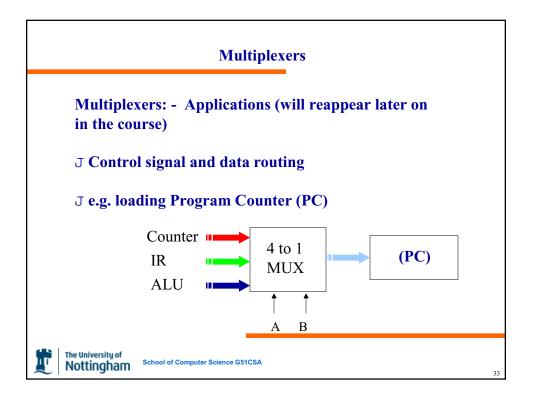


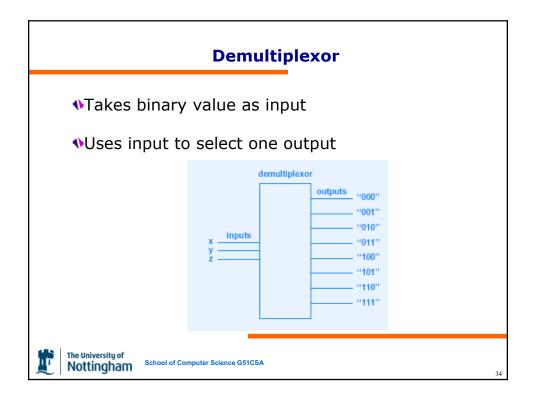


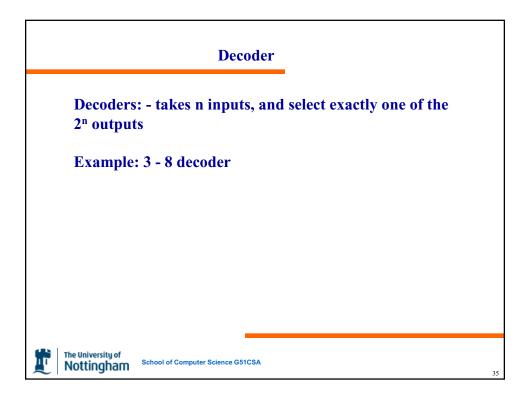


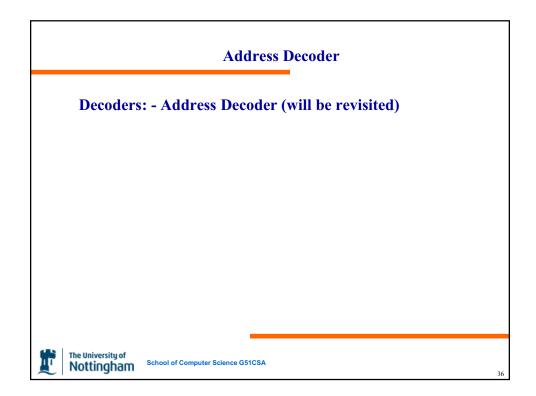












Adder	
Adders: - an essential part of the CPU	
J Half Adder	
Truth Table	Circuit
A B Sum Carry-Out	
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		Ad	der									
Adders: - an essential part of the CPU												
J Full	Add	er										
Truth	Tabl	e										
А	В	Carry-In	Sum	Carry-Out								
The University Nottingh	am ^s	chool of Computer Science G	51CSA		38							

