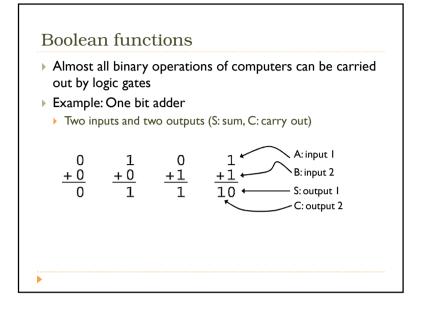
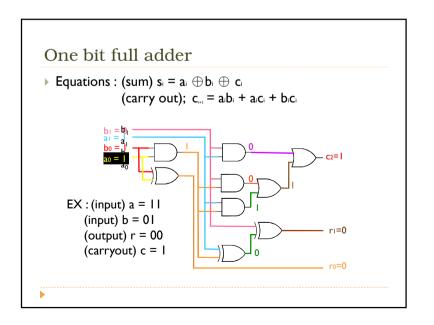
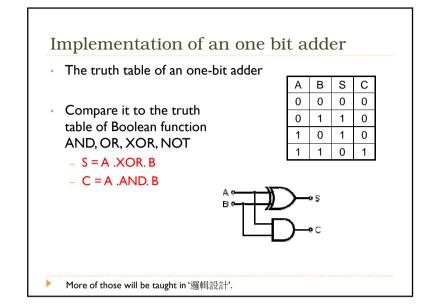


	co	umerates rrespondi	ing c	outp	ut of Boo	olea	і ор	erations	C	
► Inp		ur comm	· -	put	output	·	pera	Output	Inpu	t Outpu
i i	В	A.and.B	A	i	A.or.B	A	i –	A.xor.B	A	Not A
0	0	0	0	0	0	0	0	0	0	1
0	1	0	0	1	1	0	1	1	1	0
1	0	0	1	0	1	1	0	1		
1	1	1	1	1	1	1	1	0		







Flip-flop = a circuit built from gates that can store one bit of data.
Has an input line which sets its stored value to 1
 Has an input line which sets its stored value to 0
 While both input lines are 0, the most recently stored value is preserved
A flip-flop is ideal for the storage of a bit within a computer
A flip-flop loses data when its power is turned off

