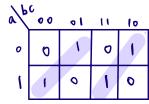
→ full adder

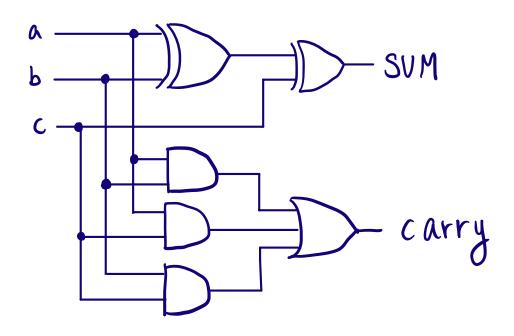


SUM: a D b D C

ab	00	01	11	10
0			1	
١		1	1	1

carry: a.c.+ a.b+b.c

<u>a</u>	bс	SVM	carry
0	0 0	O	0
٥	0	1	0
0	1 0	ι	0
0	1 1	O	1
Ţ	0 0	1	0
1	0	0	1
i	10	0	1
i	1)	ı	(



shalf adder

input		output		
A	В	sum	Courty	
0	0	0	0	
0	1	1	0	
1	•	t	0	
l	1	0	1	

AB	O	١
0	0	
١	1	0

SUM	=	Ā	·B	+	A	·B
	:	χ	OR			

AB	O	١
0	0	0
١	0	

corry: A.B = AND

