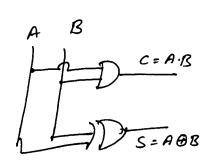
- (7
- -> The circuit which adds two lits, ignoring the carry from the previous but addition is called helf adds.
- -> It has two imputs and two outputs.
- -> 2 imputs are 2 tiles to be added and 2 output save som & carrier

A		1	B
	на		$\int$
		J	
Corry)	(	Swm	)

A	B	S	C	
0	0	0	0	
0	)	1	0	
	0	1	0	
, ,	J	0	1	



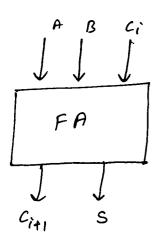
$$S = \overline{A}B + A\overline{B} = A \oplus B$$

$$C = A \cdot B$$

Full adder:-

-> Full adder is meant to add two bits along with carry from the former bit ald ton.

exapt LSB, fulladder ig revisied for rumaining beto



	A	B	Ci	s	Citi
r	0	0	0	10	0
	0	0	)	1	0
	0	1	0	1	O
	0	)	)	0	)
4	1	0	0	4 )	0
	1	0	)	0	
	1	1	0	0	1
}	1	1	)	1	1
			,		

S = ABBOCi : Sum = 1 when input his and number of = 1's.

