

fill Arr ,

select, i, V.

0 1 2 3 4 5  
[1, 2, 3, 4, 5, 6]

[1, 2, 3, 4, 5]

$i = 3$

$V = 10$

sort s = 10.  $i = 9$ .

$s = i++$

$s = 10$

$i = 10$

$s = ++i$

$i = 10$

$s = 20$

A	B	C	S
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

$$S = A \cdot B + A \cdot C + B \cdot C$$

$$S = \bar{A} \cdot B \cdot C + A \cdot \bar{B} \cdot C + A \cdot B \cdot \bar{C} + A \cdot B \cdot C$$

$$AB(C + \bar{C}) + \bar{A}BC + A\bar{B}C + ABC + ABC$$

$$AB + BC(\bar{A} + A) + AC(\bar{B} + B)$$

$$= \underline{AB} + AC + BC$$



$$s = \overline{a \cdot b}$$

$$10 + 5$$

$$S = \frac{abc}{(111)_2} + \overline{a}b + \overline{a}\overline{b}\overline{c} + \overline{c}b$$

$$a\overline{c}b$$

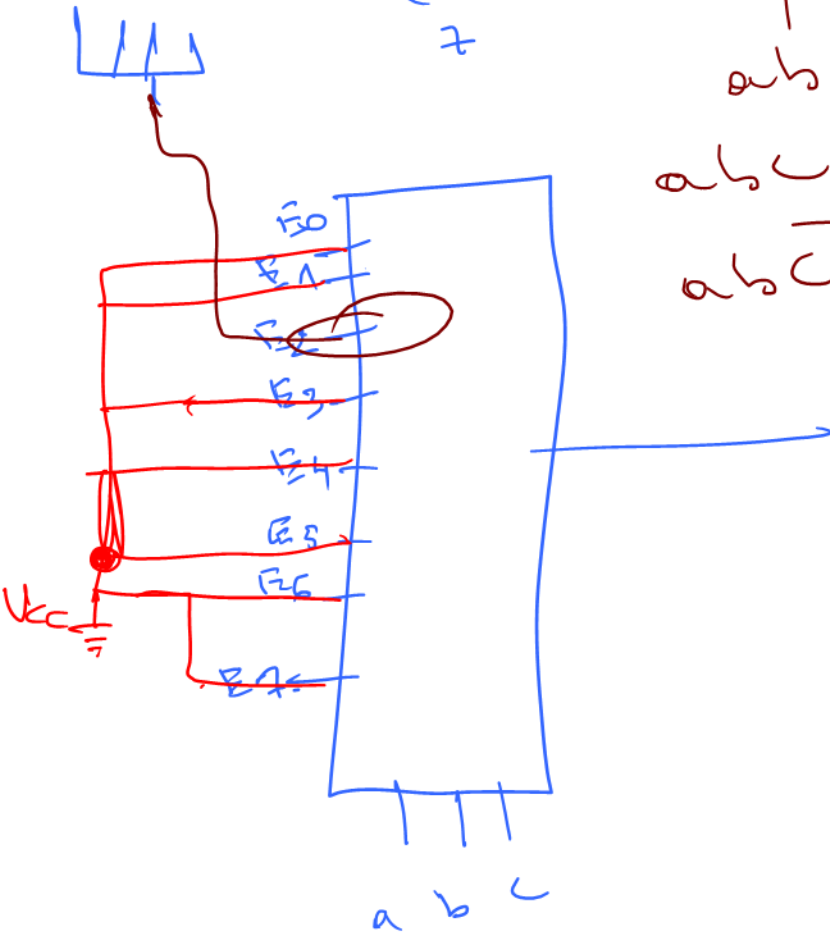
$$= 101$$

$$100$$

$$ab = 11$$

$$abc = 111$$

$$abc$$



A	B	C	D
0	0	0	0
0	0	0	1
0	0	1	0
0	0	1	1
0	1	0	0
0	1	1	1
0	1	1	0
1	0	0	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	0	0
1	1	1	1
1	1	1	0













