A | 1 | 1 | 0 | 0 | 2

B | 0 | 1 | 1 | 1 | 3

1) toogle any element

2) re arrange the array

A ⟹ 1 1 1 0   ⟹ 1 step

0 1 1 1

①

② Find diff in no of 1's

cd = 0 1 2 3

1 0 0 ⓪ ⊘ ⊘ ⊘ ⟹ 1

1 1 1 1 0 0 ⟹ 4

A ⟹ 7

B ⟹ 12

```java
public static int makeABequal(int a[], int b[]) {
    int count1InA = 0, count1InB = 0, countToogle = 0;

    for(int i = 0; i < a.length; i++) {
        if(a[i] == 1) count1InA++;
        if(b[i] == 1) count1InB++;
        if(a[i] != b[i]) countToogle++;
    }
    // gives count of toogle required to make number of
    int diffIn1 = Math.abs(count1InA - count1InB);
    return Math.min(diffIn1 + 1, countToogle);
}
```

A | 1 | 1 | 0 | 0

i

B | 0 | 1 | 1 | 1

$CA = \cancel{0}\cancel{1} 2$
$cB = \cancel{0}\cancel{1}\cancel{2} 3$
$cT = \cancel{0}\cancel{1}\cancel{2} 3$

Ques

0	0	1	0
0	0	0	0
1	1	0	0
1	0	1	0

→

1	1	1	1
0	0	0	0
1	1	1	1
1	1	1	1

Ques

0	1	0	0
1	1	0	1
0	0	0	0
1	0	1	1

$n \times n \Rightarrow 16$ 16 - 7

① 7 ✗   9 ✓

② 9 ✗   7 ✓

$C = \cancel{0}\cancel{1}\cancel{2}\cancel{3}$
$\cancel{4}\cancel{5}\cancel{6} 7$

	0	1	2	3
0	0	1	0	1
1	1	0	1	0
2	0	1	0	1
3	1	0	1	0

1	0	1	0
0	1	0	1
1	0	1	0
0	1	0	1

$r + c \Rightarrow$ even $\Rightarrow$ 0 $Vol = (r+c) \% 2$

$r + c \Rightarrow$ odd $\Rightarrow$ 1