101
100
011

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0 → 1   18

reverse   0→1

possible if:
- last op not reverse
- string not palindrome

~ 0 ~   we win
⇓
~ 1 ~

A → 1 | ~
B → rev.
A → 1 | 1
B → ~ ~
A → ...
B →

0000
⇓
A 1001

---

1   1   1   1

4: 1
3: 2
2: 3

Σ 6

$\frac{n \cdot (n-1)}{2}$

1 ____ 1 _ 1
0   4   6

1   0   ·2+1
11   1
111   3
1111   ~~7~~ 6

+ .... + ... +

x + y + z + ... +

$1 \cdot x$
⇓
$1 \cdot y + 3 \cdot x$ +2·prev + new $+2x + (x+y)$
⇓
$1 \cdot z + 3 \cdot y + 7 \cdot x$

$2(y+3x) + x + y + z =$
$1 \cdot z + 3y + 7x$

110

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1 1 1 1

$3 + 3 \cdot 2 + 7 = 3+6+7 = 16$

1 1 1 1 1

$1 \cdot 4 + 3 \cdot 3 + 6 \cdot 2 + 10 \cdot 1 =$
$4 + 9 + 12 + 10 = 35$

2	3	4	5
⇓	⇓	⇓	⇓
1	3	6	10