

99444440 99444440

overflow occurred

-1

111101
010101 +

110010

+4

110101
100011 +
001110

+4

+1

overflow

99444440

99444440

-99: 100011

-99: 101011

+2

+2

=> 100110 = -A - B

A + B = 110010

(1)

11001001
10001110

= (10001110) BIN

+2

-2 because there is no solution

(2)

11001001
10001110

= (10101101) Gray

-2 because there is no solution

+2

1 0 1 1 0 0 1 0 1 0 0 1
1 2 3 4 5 6 7 8 9 10 11 12

P1 = 1, 3, 5, 7, 9, 11

P2 = 2, 4, 6, 8, 10, 12

P3 = 3, 5, 7, 9, 11

P4 = 4, 6, 8, 10, 12

? 11010 -> فرد

? 10000 -> زوج

? 1001 -> زوج -> 0

? 1001 -> زوج

101010001001

-4

+4

111010001001

$$(FVVF04, 1223F)_A = (?)_{14}$$

↓

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

$$(2VV04, 293A)_{14}$$

0	1	1	1	1	0	0	0	1	0	0	1
1	2	3	4	5	6	7	8	9	10	11	12

0 1 1 0 1 0 → فرد

1 1 0 0 0 0 → زوج

1 1 0 0 1 → فرد

0 1 0 0 1 → زوج

0 1 0 1

↓

PF

حرف بیت مسلک دار

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

place of change : 5