Lights On!

The problem is an interactive puzzle game. The puzzle given can be solved in multiple ways. You need to solve it in **minimum** number of clicks!

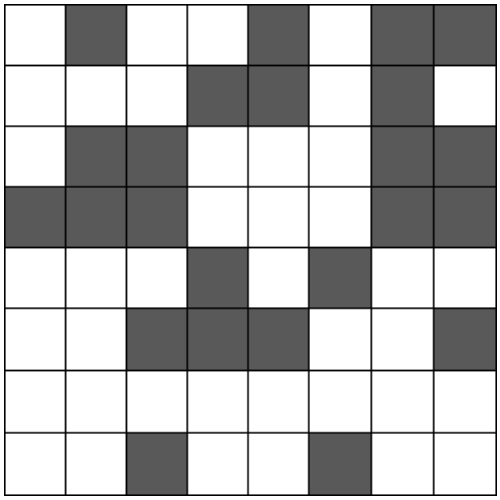
After solving the puzzle, You'll get a score.Enter the number(score) as PLAIN TEXT as your solution.

Since, there's only one way to solve the puzzle in minimum number of clicks, the score obtained for correct answer should be same.

~~Click here for the puzzle!~~

[Edited By Min_25]

The puzzle is as follows:



RULES

The blocks represent the rooms. The lights in some of the rooms are on while others are off. You need to turn all the lights on. Clicking on a block will toggle the state. The only problem is that the other rooms which share an edge will also toggle. You need to solve the puzzle in minimum number of clicks. Print the number obtained as score as PLAIN TEXT on SPOJ.

(WHITE BLOCK-ON,BLACK BLOCK-OFF).

SCORE

Your initial score is 0. If you click on (x, y), your score will be increased by x * y.

The coordinates at the top-left corner and at the bottom-right corner are (1, 1) and (8, 8), respectively.

Input

NO PROBLEM INPUT.

Output

SCORE AS OUTPUT.