

Strange Grid Again

A strange grid has been recovered from an old book. It has 5 columns and infinite number of rows. The bottom row is considered as the first row. First few rows of the grid are like this:

.....
.....
20 22 24 26 28
11 13 15 17 19
10 12 14 16 18
1 3 5 7 9
0 2 4 6 8

The grid grows upwards forever!

Your task is to find the integer in c^{th} column in r^{th} row of the grid.

Input Format

There will be two integers r and c separated by a single space.

Constraints

$$1 \leq r \leq 2 * 10^9$$

$$1 \leq c \leq 5$$

Rows are indexed from bottom to top and columns are indexed from left to right.

Output Format

Output the answer in a single line.

Sample Input

6 3

Sample Output

25

Explanation

The number in the 6th row and 3rd column is 25.