ASCII Addition

Problem ID: asciiaddition CPU Time limit: 1 second Memory limit: 1024 MB

Difficulty: 2.0

Nowadays, there are smartphone applications that instantly translate text and even solve math problems if you just point your phone's camera at them. Your job is to implement a much simpler functionality reminiscent of the past - add two integers written down as ASCII art.

An ASCII art is a matrix of characters, exactly 7 rows high, with each individual character either a dot or the lowercase letter x.

An expression of the form a+b is given, where both a and b are positive integers. The expression is converted into ASCII art by writing all the expression characters (the digits of a and b as well as the + sign) as 7×5 matrices, and concatenating the matrices together with a single column of dot characters between consecutive individual matrices. The exact matrices corresponding to the digits and the + sign are as folows:

xxxxx
xx
XXXXX
x
x
x
X
X
X
X
xxxxx
x
x
xxxxx
x
x
XXXXX
xxxxx
xxxxx x
x
x x
x x xxxxx
x x xxxxx x
x xxxxxxx
x xxxxxxx xxxxx
x xxxxxxx xxxxxx
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Source: Central Europe Regic Contest (CERC) 2015

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2/11/2020	/ to on / tadition	,
	xxxxx	
	x	
	x	
	xxxxx	
	xx	
	xx	
	xxxxx	
	xxxxx	
	x	
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	x	
	x	
	x	
	xxxxx	
	xx	
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	xx	
	xx	
	xxxxx	
	X	
	x	
	xxxxx	
	^^^^	
	••••	
	x	
	x	
	xxxxx	
	x	
	x	
	••••	

Given an ASCII art for an expression of the form a+b, find the result of the addition and write it out in the ASCII art form.

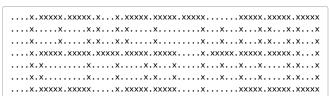
Input

Input consists of exactly 7 lines and contains the ASCII art for an expression of the form a+b, where both a and b are positive integers consisting of at most 9 decimal digits and written without leading zeros.

Output

 $Output\ 7\ lines\ containing\ ASCII\ art\ corresponding\ to\ the\ result\ of\ the\ addition,\ without\ leading\ zeros.$

Sample Input 1



Sample Output 1