

Problem P3

Let it Snow!

You are given a 5x5 pattern of characters using letters A-Z and the “.” character. Based on this pattern you must output a 10x10 pattern reflecting this initial pattern vertically and horizontally. For example, given five rows of characters as shown on the left, you must produce the output of ten-lines as shown on the right. Note how the initial pattern appears as the upper-left corner of the resulting 10x10 output.

.....	Original	Generated
...A.		...A..A...	Output
.....		
.B...		.B.....B.	
.....		
		.B.....B.	
		
		...A..A...	
		

Input Format

The input will consist of five lines, each of which will contain five characters each on a line by itself.

Output Format

Your program will write to standard output. Your program should produce ten lines of output, each of which contains ten characters.

Sample Input and Corresponding Sample Output

Sample Input	Sample Output		Sample Input	Sample Output
ABCDE ABCDE ABCDE ABCDE ABCDE	ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA ABCDEEDCBA		ABBA. A..A. A..AE ACCA. ..D..	ABBA..ABBA A..A..A..A A..AEEA..A ACCA..ACCA ..D....D.. ..D....D.. ACCA..ACCA A..AEEA..A A..A..A..A ABBA..ABBA
A.... .A... ..A.. ...A.A	A.....A .A.....A ..A....A.. ...A..A..AA....AA.... ...A..A.. ..A....A.. .A.....A A.....A		O...OX.. O...O	O...OO...OX....X.. O...OO...O O...OO...OX....X.. O...OO...O