Write a C-program that prints out a word as many times as specified. The number of repetitions and the word should be given as input to the program. You may assume that the word has no more than 100 characters (be sure to also reserve space for the null terminator, \0, though!).

Examples

Input:

2 Hello

Output:

Hello

Hello

Input:

4 thing

Output:

thing

thing

thing

thing

Note

You may submit as many solutions as you wish. Only your highest score will be kept.