2 Displaying Data In 3D
2 points

Introduction

Seeing in 3D is mostly about tricking your brain. Since our eyes are placed a bit apart from each other, our brain receives two different images. Consequently, these images are shifted by a very small amount from each other. Then, our brain proceeds to merge them to see a single image. Our brain perceives depth because of the separation between these two images coming from the two eyes.

The research project you're currently focused on is about 3D glasses with augmented reality. For example, when your eyes focus on a building, the glasses display the distance in meters to reach that place. To provide the 3D effect, this data will be represented by the glasses to both eyes slightly shifted.

The very first step for this process is to support the duplication of data to be displayed. This data will then be shown to the left and right glasses. Can you write a program that reads a positive integer and duplicates all of its digits?

Input

The input is a single line with a positive integer.

Output

The output is a single line with all the digits of the input duplicated.

Example

Input

12345

Output

1122334455