

Problem J1: Telemarketer or not?

Problem Description

Here at the Concerned Citizens of Commerce (CCC), we have noted that telemarketers like to use seven-digit phone numbers where the last four digits have three properties. Looking just at the last four digits, these properties are:

- the first of these four digits is an 8 or 9;
- the last digit is an 8 or 9;
- the second and third digits are the same.

For example, if the last four digits of the telephone number are 8229, 8338, or 9008, these are telemarketer numbers.

Write a program to decide if a telephone number is a telemarketer number or not, based on the last four digits. If the number is not a telemarketer number, we should answer the phone, and otherwise, we should ignore it.

Input Specification

The input will be 4 lines where each line contains exactly one digit in the range from 0 to 9.

Output Specification

Output either `ignore` if the number matches the pattern for a telemarketer number; otherwise, output `answer`.

Sample Input 1

9
6
6
8

Output for Sample Input 1

`ignore`

Explanation of Output for Sample Input 1

The first digit is 9, the last digit is 8, and the second and third digit are both 6, so this is a telemarketer number.

Sample Input 2

5
6

6
8

Output for Sample Input 2

answer

Explanation of Output for Sample Input 2

The first digit is 5, and so this is not a telemarketer number.