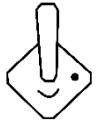


4 Abel wants to play 4-9!

3 points



Introduction

Abel's parents want to buy him a new PC for his homework, and he wants to take advantage of that and get a PC that is able to run the 4-9 game, the most popular game of the year. In order to do so, he wants to write a little program to check if the PC specifications are enough to run the game.

The 4-9 game needs at least the following PC specifications to run properly:

- Processor generation: 5
- Graphics card memory: 2
- Free storage memory: 50

Can you help him to write this program?

Input

A sequence of 3 lines, each one with a positive integer number representing each of the PC specifications:

<Processor generation>
<Graphics card memory>
<Free storage memory>

Output

Print out one of the following outputs stating where Abel can play 4-9 or not:

You can run the game
You can NOT run the game

Example 1

Input

7
4
100

Output

You can run the game

Example 2

Input

5
1
500

Output

You can NOT run the game