

# Balls of Three Colors

Input file: *standard input*  
Output file: *standard output*  
Time limit: 2 seconds  
Memory limit: 512 mebibytes

There are  $r$  red,  $g$  green, and  $b$  blue balls. How many ways are there to arrange all these balls in a row such that any two adjacent balls have different colors? Since this number can be very large, output its remainder when divided by the prime number 998 244 353.

## Input

You are given three integers separated by spaces:  $r$ ,  $g$ , and  $b$ . Each of the integers is from 1 to  $10^5$  inclusive.

## Output

Output a single integer: the required number of ways modulo 998 244 353.

## Examples

<i>standard input</i>	<i>standard output</i>
1 1 1	6
4 1 1	0
1 1 2	6