UVa Online Judge

10344 – 23 out of 5 (Modified)

Your task is to write a program that can decide whether you can find an arithmetic expression consisting of five given numbers $a_i(1 \le i \le 5)$ that will yield the value 23.

For this problem we will only consider arithmetic expressions of the following form:

$$(((a_{(1)}op_1a_{(2)})op_2a_{(3)})op_3a_{(4)})op_4a_{(5)}$$

where $op_i \in \{+, -, *\} \ (1 \le i \le 4)$

Input

The input consists of 5 positive integers, each between 1 and 50.

Output

Print "Possible" (without quotes) if exists and arithmetic expression (as described above) that yields 23. Otherwise print "Impossible".

Sample Input 1

11111

Sample Output 1

Impossible

Sample Input 2

11 4 2 6 3

Sample Output 2

Possible

Sample Input 3

20 1 1 1 1

Sample Output 3

Possible