

Problem I

23 Out of 5

Input: standard input

Output: standard output

Time Limit: 1 second

Memory Limit: 32 MB

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

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

$$(((a_{\pi(1)} o_1 a_{\pi(2)}) o_2 a_{\pi(3)}) o_3 a_{\pi(4)}) o_4 a_{\pi(5)}$$

where $\pi: \{1, 2, 3, 4, 5\} \rightarrow \{1, 2, 3, 4, 5\}$ is a bijective function
and $o_i \in \{+, -, *\}$ ($1 \leq i \leq 4$)

Input

The Input consists of 5-Tupels of positive Integers, each between 1 and 50.

Input is terminated by a line containing five zero's. This line should not be processed.

Output

For each 5-Tupel print "Possible" (without quotes) if there exists an arithmetic expression (as described above) that yields 23. Otherwise print "Impossible".

Sample Input

```
1 1 1 1 1
1 2 3 4 5
2 3 5 7 11
0 0 0 0 0
```

Sample Output

```
Impossible
Possible
Possible
```

Thomas Strohmann